

## Other Genotypes, by Dan Erz

### Agouti Patten Colors (A\_)

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Agouti Patterns A_ ↓	Black Colors B_D_ ↓	Blue Colors B_dd ↓	Chocolate Colors (Brown) bb D_ ↓	Lilac Colors (Dove Gray/Pink Tint) bb dd ↓
<b>Agouti</b> A_C_E_	<b>Chestnut, Copper, Castor, Gray</b> A_B_C_D_E_	<b>Opal</b> A_B_C_dd E_	<b>Chocolate Agouti</b> A_bb C_D_E_	<b>Lynx</b> A_bb C_dd E_
<b>Gold Tipped Steel</b> A_C_E^s_	<b>Black Gold Tipped Steel</b> A_B_C_D_E^s_	<b>Blue Gold Tipped Steel</b> A_B_C_dd E^s_	<b>Chocolate Gold Tipped Steel</b> A_bb C_D_E^s_	<b>Lilac Gold Tipped Steel</b> A_bb C_dd E^s_
<b>Silver Tipped Steel</b> A_c^chd_E_	<b>Black Silver Tipped Steel</b> A_B_c^chd_D_E_	<b>Blue Silver Tipped Steel</b> A_B_c^chd_dd E_	<b>Chocolate Silver Tipped Steel</b> A_bb c^chd_D_E_	<b>Lilac Silver Tipped Steel</b> A_bb c^chd_dd E_
<b>Chinchilla</b> A_c^chd_E_	<b>Chinchilla</b> A_B_c^chd_D_E_	<b>Blue Chinchilla (Squirrel)</b> A_B_c^chd_dd E_	<b>Chocolate Chinchilla</b> A_bb c^chd_D_E_	<b>Lilac Chinchilla</b> A_bb c^chd_dd E_
<b>Shaded - Silver Tipped</b> A_c^chl E^s_	<b>Sable - Silver Tipped</b> A_B_c^chl D_E^s_	<b>Smoke Pearl Steel - Silver Tipped</b> A_B_c^chl dd E^s_	<b>Chocolate Sable Steel - Silver Tipped</b> A_bb c^chl D_E^s_	<b>Lilac Pearl Steel - Silver Tipped</b> A_bb c^chl dd E^s_
<b>Shaded - Chinchilla</b> A_c^chl E_	<b>Sable - Chinchilla</b> A_B_c^chl D_E_	<b>Smoke Pearl Blue - Chinchilla</b> A_B_c^chl dd E_	<b>Chocolate Seal/Sable Chinchilla</b> A_bb c^chl D_E_	<b>Lilac Pearl - Chinchilla</b> A_bb c^chl dd E_
<b>Japanese Harlequin</b> A_C_e^j_	<b>Japanese Harlequin (Black/Orange Tri)</b> A_B_C_D_e^j_	<b>Japanese Harlequin (Blue/Fawn Tri)</b> A_B_C_dd e^j_	<b>Japanese Harlequin (Chocolate/Orange Tri)</b> A_bb C_D_e^j_	<b>Japanese Harlequin (Lilac/Fawn Tri)</b> A_bb C_dd e^j_
<b>Magpie Harlequin</b> A_c^chd_e^j_	<b>Magpie Harlequin (Black/White)</b> A_B_c^chd_D_e^j_	<b>Blue Magpie (Blue/White)</b> A_B_c^chd_dd e^j_	<b>Chocolate Magpie (Chocolate/White)</b> A_bb c^chd_D_e^j_	<b>Lilac Magpie (Lilac/White)</b> A_bb c^chd_dd e^j_
<b>Sable Harlequin</b> A_c^chl_e^j_	<b>Sable Harlequin (Sable Agouti/White)</b> A_B_c^chl_D_e^j_	<b>Smoke Pearl Magpie (Smoke Pearl/White)</b> A_B_c^chl_dd e^j_	<b>Chocolate Sable Magpie (Chocolate Sable Agouti/White)</b> A_bb c^chl_D_e^j_	<b>Lilac Smoke Magpie (Lilac Sable Agouti/White)</b> A_bb c^chl_dd e^j_
<b>Orange/Fawn – False Wide Band</b> A_C_ee	<b>Orange/Fawn</b> A_B_C_D_ee	<b>Cream/ aka Fawn for Netherland Dwarfs</b> A_B_C_dd ee	<b>Chocolate Based Orange/Fawn</b> A_bb C_D_ee	<b>Lilac Based Cream</b> A_bb C_dd ee
<b>Red – TRUE Wide Band</b> A_C_ee ww	<b>Red</b> A_B_C_D_ee ww	-	-	-
<b>Frosted Pearl (Frosty)</b> A_c^chl_ee	<b>Frosted Pearl (Frosty)</b> A_B_c^chl_D_ee	<b>Blue Frosted Pearl (Blue Frosty)</b> A_B_c^chl_dd ee	<b>Chocolate Frosted Pearl (Chocolate Frosty)</b> A_bb c^chl_B_ee	<b>Lilac Frosted Pearl (Lilac Frosty)</b> A_bb c^chl_dd ee
<b>Albino (REW) (Ruby Eyed White)</b> A_cc E_	<b>REW</b> A_B_cc D_E_	<b>REW</b> A_B_cc dd E_	<b>REW</b> A_bb cc D_E_	<b>REW</b> A_bb cc dd E_
A_cc E^s_	<b>REW</b> A_B_cc D_E^s_	<b>REW</b> A_B_cc dd E^s_	<b>REW</b> A_bb cc D_E^s_	<b>REW</b> A_bb cc dd E^s_
A_cc e^j_	<b>REW</b> A_B_cc D_e^j_	<b>REW</b> A_B_cc dd e^j_	<b>REW</b> A_bb cc D_e^j_	<b>REW</b> A_bb cc dd e^j_
A_cc ee	<b>REW</b> A_B_cc D_ee	<b>REW</b> A_B_cc dd ee	<b>REW</b> A_bb cc D_ee	<b>REW</b> A_bb cc dd ee

**Tan Patten Colors (a')**


Many of these examples are not recognised colors, this chart is to demonstrate the endless possibilities from mixing colors.

Tan Patterns a' _ ↓	Black Colors B_D_ ↓	Blue Colors B_dd ↓	Chocolate Colors (Brown) bb D_ ↓	Lilac Colors (Dove Gray/Pink Tint) bb dd ↓
<b>Otter</b> a' _ C_ E_	<b>Black Otter</b> a' _ B_ C_ D_ E_	<b>Blue Otter</b> a' _ B_ C_ dd E_	<b>Chocolate Otter</b> a' _ bb C_ D_ E_	<b>Lilac Otter</b> a' _ bb C_ dd E_
<b>Silver Marten</b> a' _ c <sup>chd</sup> _ E_	<b>Black Silver Marten</b> a' _ B_ c <sup>chd</sup> _ D_ E_	<b>Blue Silver Marten</b> a' _ B_ c <sup>chd</sup> _ dd E_	<b>Chocolate Silver Marten</b> a' _ bb c <sup>chd</sup> _ D_ E_	<b>Lilac Silver Marten</b> a' _ bb c <sup>chd</sup> _ dd E_
<b>Seal Marten</b> a' _ c <sup>chl</sup> c <sup>chl</sup> E_	<b>Black Seal Marten</b> a' _ B_ c <sup>chl</sup> c <sup>chl</sup> D_ E_	<b>Blue Seal Marten</b> a' _ B_ c <sup>chl</sup> c <sup>chl</sup> dd E_	<b>Chocolate Seal Marten</b> a' _ bb c <sup>chl</sup> c <sup>chl</sup> D_ E_	<b>Lilac Seal Marten</b> a' _ bb c <sup>chl</sup> c <sup>chl</sup> dd E_
<b>Sable Marten</b> a' _ c <sup>chl</sup> _ E_	<b>Black Sable Marten</b> a' _ B_ c <sup>chl</sup> _ D_ E_	<b>Smoke Pearl Marten</b> a' _ B_ c <sup>chl</sup> _ dd E_	<b>Chocolate Sable Marten</b> a' _ bb c <sup>chl</sup> _ D_ E_	<b>Pearl Marten</b> a' _ bb c <sup>chl</sup> _ dd E_
<b>Martenised Himi</b> a' _ c <sup>ch</sup> _ E_	<b>Black Himalayan Marten</b> a' _ B_ c <sup>ch</sup> _ D_ E_	<b>Blue Himalayan Marten</b> a' _ B_ c <sup>ch</sup> _ dd E_	<b>Chocolate Himalayan Marten</b> a' _ bb c <sup>ch</sup> _ D_ E_	<b>Lilac Himalayan Marten</b> a' _ bb c <sup>ch</sup> _ dd E_
<b>Japanese Otter</b> a' _ C_ e <sup>j</sup> _	<b>Black Japanese Otter</b> a' _ B_ C_ D_ e <sup>j</sup> _	<b>Blue Japanese Otter</b> a' _ B_ C_ dd e <sup>j</sup> _	<b>Chocolate Japanese Otter</b> a' _ bb C_ D_ e <sup>j</sup> _	<b>Lilac Japanese Otter</b> a' _ bb C_ dd e <sup>j</sup> _
<b>Magpie Marten</b> a' _ c <sup>chd</sup> _ e <sup>j</sup> _	<b>Black Magpie Marten</b> a' _ B_ c <sup>chd</sup> _ D_ e <sup>j</sup> _	<b>Blue Magpie Marten</b> a' _ B_ c <sup>chd</sup> _ dd e <sup>j</sup> _	<b>Chocolate Magpie Marten</b> a' _ bb c <sup>chd</sup> _ D_ e <sup>j</sup> _	<b>Lilac Magpie Marten</b> a' _ bb c <sup>chd</sup> _ dd e <sup>j</sup> _
<b>Sable Magpie Marten</b> a' _ c <sup>chl</sup> _ e <sup>j</sup> _	<b>Black Sable Magpie Marten</b> a' _ B_ c <sup>chl</sup> _ D_ e <sup>j</sup> _	<b>Smoke Magpie Marten</b> a' _ B_ c <sup>chl</sup> _ dd e <sup>j</sup> _	<b>Chocolate Sable Magpie Marten</b> a' _ bb c <sup>chl</sup> _ D_ e <sup>j</sup> _	<b>Pearl Magpie Marten</b> a' _ bb c <sup>chl</sup> _ dd e <sup>j</sup> _
<b>Pointed Japanese Marten</b> a' _ c <sup>ch</sup> _ e <sup>j</sup> _	<b>Black Pointed Japanese Marten</b> a' _ B_ c <sup>ch</sup> _ D_ e <sup>j</sup> _	<b>Blue Pointed Japanese Marten</b> a' _ B_ c <sup>ch</sup> _ dd e <sup>j</sup> _	<b>Chocolate Pointed Japanese Marten</b> a' _ bb c <sup>ch</sup> _ D_ e <sup>j</sup> _	<b>Lilac Pointed Japanese Marten</b> a' _ bb c <sup>ch</sup> _ dd e <sup>j</sup> _
<b>Fox</b> a' _ C_ ee	<b>Fox (Black Tort Otter)</b> a' _ B_ C_ D_ ee	<b>Blue Fox (Blue Tort Otter)</b> a' _ B_ C_ dd ee	<b>Chocolate Fox (Chocolate Tort Otter)</b> a' _ bb C_ B_ ee	<b>Lilac Fox (Lilac Tort Otter)</b> a' _ bb C_ dd ee
<b>Sallander Marten</b> a' _ c <sup>chd</sup> _ ee	<b>Black Sallander Marten</b> a' _ B_ c <sup>chd</sup> _ D_ ee	<b>Blue Sallander Marten</b> a' _ B_ c <sup>chd</sup> _ dd ee	<b>Chocolate Sallander Marten</b> a' _ bb c <sup>chd</sup> _ D_ ee	<b>Lilac Sallander Marten</b> a' _ bb c <sup>chd</sup> _ dd ee
<b>Sable Point Marten</b> a' _ c <sup>chl</sup> _ ee	<b>Sable Point Marten</b> a' _ B_ c <sup>chl</sup> _ D_ ee	<b>Blue Point Marten</b> a' _ B_ c <sup>chl</sup> _ dd ee	<b>Sable Point Marten</b> a' _ bb c <sup>chl</sup> _ D_ ee	<b>Sable Point Marten</b> a' _ bb c <sup>chl</sup> _ dd ee
<b>Albino (REW)</b> (Ruby Eyed White cc) a' _ cc E_	<b>REW</b> a' _ B_ cc D_ E_	<b>REW</b> a' _ B_ cc dd E_	<b>REW</b> a' _ bb cc D_ E_	<b>REW</b> a' _ bb cc dd E_
a' _ cc E <sup>s</sup> _	<b>REW</b> a' _ B_ cc D_ E <sup>s</sup> _	<b>REW</b> a' _ B_ cc dd E <sup>s</sup> _	<b>REW</b> a' _ bb cc D_ E <sup>s</sup> _	<b>REW</b> a' _ bb cc dd E <sup>s</sup> _
a' _ cc e <sup>j</sup> _	<b>REW</b> a' _ B_ cc D_ e <sup>j</sup> _	<b>REW</b> a' _ B_ cc dd e <sup>j</sup> _	<b>REW</b> a' _ bb cc D_ e <sup>j</sup> _	<b>REW</b> a' _ bb cc dd e <sup>j</sup> _
a' _ cc ee	<b>REW</b> A_ B_ cc D_ ee	<b>REW</b> A_ B_ cc dd ee	<b>REW</b> A_ bb cc D_ ee	<b>REW</b> A_ bb cc dd ee

**Self Patten Colors (aa) Many of these examples are not recognised colors, this chart is to demonstrate the endless possibilities from mixing colors.**

Self Patterns aa ↓	Black Colors B_D_ ↓	Blue Colors B_dd ↓	Chocolate Colors (Brown) bb D_ ↓	Lilac Colors (Dove Gray/Pink Tint) bb dd ↓
<b>Solid</b> aa C_ E_	<b>Black</b> aa B_ C_ D_ E_	<b>Blue</b> aa B_ C_ dd E_	<b>Chocolate</b> aa bb C_ D_ E_	<b>Lilac</b> aa bb C_ dd E_
<b>Self Chinchilla</b> aa c <sup>chd</sup> _ E_	<b>Seal Chinchilla – looks black</b> aa B_ c <sup>chd</sup> _ D_ E_	<b>Blue Self Chinchilla – looks blue</b> aa B_ c <sup>chd</sup> _ dd E_	<b>Chocolate Self Chinchilla – looks chocolate</b> aa bb c <sup>chd</sup> _ D_ E_	<b>Lilac Self Chinchilla – looks lilac</b> aa bb c <sup>chd</sup> _ dd E_
<b>Seal</b> aa c <sup>chl</sup> c <sup>chl</sup> E_	<b>Sable - Chinchilla – looks black</b> aa B_ c <sup>chl</sup> c <sup>chl</sup> D_ E_	<b>Smoke Pearl Blue – looks blue</b> aa B_ c <sup>chl</sup> c <sup>chl</sup> dd E_	<b>Chocolate Seal – looks chocolate</b> aa bb c <sup>chl</sup> c <sup>chl</sup> D_ E_	<b>Smoke Pearl Lilac – looks lilac</b> aa bb c <sup>chl</sup> c <sup>chl</sup> dd E_
<b>Siamese Sable</b> aa c <sup>chl</sup> _ E_	<b>Siamese Sable</b> aa B_ c <sup>chl</sup> _ D_ E_	<b>Siamese Smoke Pearl</b> aa B_ c <sup>chl</sup> _ dd E_	<b>Chocolate Sable</b> aa bb c <sup>chl</sup> _ D_ E_	<b>Lilac Pearl</b> aa bb c <sup>chl</sup> _ dd E_
<b>Pointed White</b> aa c <sup>h</sup> _ E_	<b>Pointed White</b> aa B_ c <sup>h</sup> _ D_ E_	<b>Blue Pointed White</b> aa B_ c <sup>h</sup> _ dd E_	<b>Chocolate Pointed White</b> aa bb c <sup>h</sup> _ D_ E_	<b>Lilac Pointed White</b> aa bb c <sup>h</sup> _ dd E_
<b>Europe - Sallander (Iron Gray)</b> aa c <sup>chd</sup> _ ee	<b>Sallander</b> aa B_ c <sup>chd</sup> _ D_ ee	<b>Blue Sallander</b> aa B_ c <sup>chd</sup> _ dd ee	<b>Chocolate Sallander</b> Aa bb c <sup>chd</sup> _ D_ ee	<b>Lilac Sallander</b> aa bb c <sup>chd</sup> _ dd ee
<b>USA - (Satin and Mini Satin Siamese)</b> aa c <sup>chm</sup> _ ee and aa c <sup>chd</sup> _ ee	<b>Black (Satin and Mini Satin Siamese) - approved</b> aa B_ c <sup>chm</sup> _ D_ ee and aa B_ c <sup>chd</sup> _ D_ ee	<b>Blue (Satin and Mini Satin Siamese) – not approved</b> aa B_ c <sup>chm</sup> _ dd ee and aa B_ c <sup>chd</sup> _ dd ee	<b>Chocolate (Satin and Mini Satin Siamese) – not approved</b> aa bb c <sup>chm</sup> _ D_ ee and aa bb c <sup>chd</sup> _ D_ ee	<b>Lilac (Satin and Mini Satin Siamese) – not approved</b> aa bb c <sup>chm</sup> _ dd ee and aa bb c <sup>chd</sup> _ dd ee
<b>Sable Point</b> aa c <sup>chl</sup> _ ee	<b>Sable Point</b> aa B_ c <sup>chl</sup> _ D_ ee	<b>Blue Point</b> aa B_ c <sup>chl</sup> _ dd ee	<b>Chocolate Point</b> Aa bb c <sup>chl</sup> _ D_ ee	<b>Lilac Point</b> aa bb c <sup>chl</sup> _ dd ee
<b>Tort</b> aa C_ ee	<b>Black Tort</b> aa B_ C_ D_ ee	<b>Blue Tort</b> aa B_ C_ dd ee	<b>Chocolate Tort</b> aa bb C_ D_ ee	<b>Lilac Tort</b> aa bb C_ dd ee
<b>Broken</b> aa B_ C_ D_ E_ E <sub>nen</sub>	<b>Broken Black</b> aa B_ C_ D_ E_ E <sub>nen</sub>	<b>Broken Blue</b> aa B_ C_ dd E_ E <sub>nen</sub>	<b>Broken Chocolate</b> aa bb C_ D_ E_ E <sub>nen</sub>	<b>Broken Lilac</b> aa bb C_ dd E_ E <sub>nen</sub>
<b>Tri-Color</b>	<b>Black Tri-Color</b> aa B_ C_ D_ e <sup>j</sup> _ E <sub>nen</sub>	<b>Blue Tri-Color</b> aa B_ C_ dd e <sup>j</sup> _ E <sub>nen</sub>	<b>Chocolate Tri-Color</b> aa bb C_ D_ e <sup>j</sup> _ E <sub>nen</sub>	<b>Lilac Tri-Color</b> aa bb C_ dd e <sup>j</sup> _ E <sub>nen</sub>
<b>Albino (REW) (Ruby Eyed White)</b> aa cc E_	<b>REW</b> aa B_ cc D_ E_	<b>REW</b> aa B_ cc dd E_	<b>REW</b> aa bb cc D_ E_	<b>REW</b> aa bb cc dd E_
aa cc E <sup>s</sup> _	<b>REW</b> aa B_ cc D_ E <sup>s</sup> _	<b>REW</b> aa B_ cc dd E <sup>s</sup> _	<b>REW</b> aa bb cc D_ E <sup>s</sup> _	<b>REW</b> aa bb cc dd E <sup>s</sup> _
aa cc e <sup>j</sup> _	<b>REW</b> aa B_ cc D_ e <sup>j</sup> _	<b>REW</b> aa B_ cc dd e <sup>j</sup> _	<b>REW</b> aa bb cc D_ e <sup>j</sup> _	<b>REW</b> aa bb cc dd e <sup>j</sup> _
aa cc ee	<b>REW</b> aa B_ cc D_ ee	<b>REW</b> aa B_ cc dd ee	<b>REW</b> aa bb cc D_ ee	<b>REW</b> aa bb cc dd ee

# Satin Fur Pictures

 <p>Black</p>	 <p>Blue</p>	 <p>Broken</p>
<p>aa B_ C_ D_ E_</p>	<p>aa B_ C_ dd E_</p>	<p>En en</p>
 <p>Californian</p>	 <p>Chinchilla</p>	 <p>Chocolate</p>
<p>aa B_ c<sup>h</sup> _ D_ E_</p>	<p>A_ B_ c<sup>chd</sup> _ D_ E_</p>	<p>aa bb C_ D_ E_</p>
 <p>Copper</p>	 <p>Black Otter</p>	 <p>Red</p>
<p>A_ B_ C_ D_ E_</p>	<p>a<sup>t</sup> _ B_ C_ D_ E_</p>	<p>A_ B_ C_ D_ ee ww</p>
 <p>Siamese</p>	 <p>Opal</p>	 <p>White (REW - Albino)</p>
<p>aa B_ c<sup>chm</sup> _ D_ ee and aa B_ c<sup>chd</sup> _ D_ ee (Satins and Mini Satins only)</p>	<p>A_ B_ C_ dd E_</p>	<p>__ cc __</p>