

Coefficients M_i as function of the tristimulus values, calculated with Illuminant D65 and CIE64 Observer, for the specimens assigned to each Hue zone.

Hue R

$$\begin{aligned}M_1 &= -1.7887 + 0.1485 X - 0.1595 Y + 0.0686 Z \\M_2 &= 0.4428 - 0.1877 X + 0.2459 Y - 0.0556 Z \\M_3 &= -0.0507 + 0.0966 X - 0.1802 Y + 0.0864 Z\end{aligned}$$

Hue YR

$$\begin{aligned}M_1 &= -1.9108 + 0.0763 X - 0.0270 Y + 0.0075 Z \\M_2 &= 0.2091 - 0.0678 X + 0.0525 Y + 0.0254 Z \\M_3 &= -0.0399 + 0.0590 X - 0.0748 Y + 0.0201 Z\end{aligned}$$

Hue Y

$$\begin{aligned}M_1 &= -2.2468 + 0.0677 X - 0.0142 Y + 0.0050 Z \\M_2 &= 0.1189 - 0.0376 X + 0.0174 Y + 0.0313 Z \\M_3 &= -0.0228 + 0.0837 X - 0.0825 Y + 0.0056 Z\end{aligned}$$

Hue GY

$$\begin{aligned}M_1 &= -1.6323 + 0.0401 X + 0.0076 Y + 0.0097 Z \\M_2 &= 0.1558 - 0.0026 X - 0.0199 Y + 0.0290 Z \\M_3 &= -0.0781 - 0.0870 X + 0.0689 Y + 0.0126 Z\end{aligned}$$

Hue G

$$\begin{aligned}M_1 &= -1.3920 + 0.0231 X + 0.0143 Y + 0.0166 Z \\M_2 &= 0.2143 + 0.0747 X - 0.0689 Y + 0.0032 Z \\M_3 &= -0.0167 - 0.0299 X - 0.0004 Y + 0.0280 Z\end{aligned}$$

Hue BG

$$\begin{aligned}M_1 &= -1.4593 + 0.0261 X + 0.0160 Y + 0.0126 Z \\M_2 &= 0.2284 + 0.0842 X - 0.0592 Y - 0.0149 Z \\M_3 &= -0.0176 + 0.0092 X - 0.0323 Y + 0.0231 Z\end{aligned}$$

Hue B

$$\begin{aligned}M_1 &= -1.5771 + 0.0345 X + 0.0075 Y + 0.0141 Z \\M_2 &= 0.2891 + 0.0762 X - 0.0439 Y - 0.0222 Z \\M_3 &= -0.0089 + 0.0520 X - 0.0637 Y + 0.0146 Z\end{aligned}$$

Hue PB

$$\begin{aligned}M_1 &= -1.6377 + 0.0557 X - 0.0115 Y + 0.0137 Z \\M_2 &= 0.2336 + 0.0705 X - 0.0373 Y - 0.0252 Z \\M_3 &= -0.0821 + 0.0950 X - 0.0967 Y + 0.0071 Z\end{aligned}$$

Hue P

$$\begin{aligned}M_1 &= -1.8269 + 0.0656 X - 0.0371 Y + 0.0275 Z \\M_2 &= 0.3062 - 0.0694 X + 0.1035 Y - 0.0316 Z \\M_3 &= -0.0169 - 0.0833 X + 0.0512 Y + 0.0268 Z\end{aligned}$$

Hue RP

$$\begin{aligned}M_1 &= -1.8762 + 0.0913 X - 0.0754 Y + 0.0399 Z \\M_2 &= 0.3433 - 0.1230 X + 0.1515 Y - 0.0248 Z \\M_3 &= -0.0431 - 0.0006 X - 0.0456 Y + 0.0443 Z\end{aligned}$$