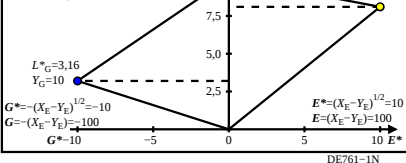
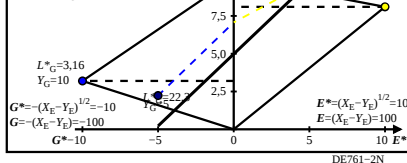


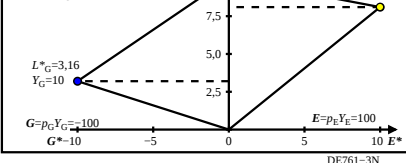
Antagonistic Eigen and Gegen colour values E^* , G^* and L^* , $X_E = Y_E = Z_E = 50$
 Chromatic and tristimulus Eigen value E^* for $X_E = Y_E > 0$, $0 \leq X, Y, Z \leq 100$
 $E^* = [X_E - X_u - (Y_E - Y_u)]^{1/2} = [X_E - Y_E]^{1/2} = [(X_E/Y_E - 1)]^{1/2} Y_E^{1/2}$
 Chromatic and tristimulus Gegen value G^* for $X_E = Y_E < 0$, $0 \leq X, Y, Z \leq 100$
 $G^* = -[X_E - X_u - (Y_E - Y_u)]^{1/2} = -[X_E - Y_E]^{1/2} = -[(X_E/Y_E - 1)]^{1/2} Y_E^{1/2}$
 Eigen purity: $p^*_E = [(X_E - Y_E)/Y_E]^{1/2} = [(X_E/Y_E - 1)]^{1/2} = [(X_E/Y_E - 1)]^{1/2} Y_E^{1/2}$
 Gegen purity: $p^*_G = -[(X_E - Y_E)/Y_E]^{1/2} = -[(X_E/Y_E - 1)]^{1/2} = -[(X_E/Y_E - 1)]^{1/2} Y_E^{1/2}$
 $L^*_E = Y_E^{1/2}$, $L^*_G = Y_G^{1/2}$
 $E^* = p^*_E L^*_E$
 $G^* = -p^*_E L^*_G$



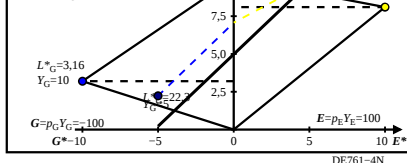
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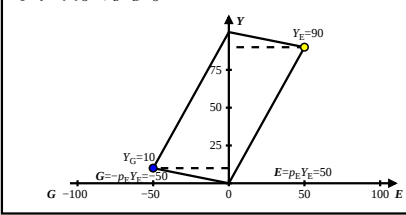
Antagonistic Eigen and Gegen colour values E^* , G^* and L^* , $X_E = Y_E = Z_E = 50$
 Chromatic and tristimulus Eigen value E^* for $X_E = Y_E > 0$, $0 \leq X, Y, Z \leq 100$
 $E^* = E^* = [100(p_E Y_E)]^{1/2} = 10$
 Chromatic and tristimulus Gegen value G^* for $X_E = Y_E < 0$, $0 \leq X, Y, Z \leq 100$
 $G^* = -G^* = -[100(p_E Y_E)]^{1/2} = -10$
 Eigen purity: $p^*_E = [(X_E - Y_E)/Y_E]^{1/2} = [(X_E/Y_E - 1)]^{1/2} = [(X_E/Y_E - 1)]^{1/2}$
 Gegen purity: $p^*_G = -[(X_E - Y_E)/Y_E]^{1/2} = -[(X_E/Y_E - 1)]^{1/2} = -[(X_E/Y_E - 1)]^{1/2}$
 $L^*_E = Y_E^{1/2}$, $L^*_G = Y_G^{1/2}$
 $E^* = p^*_E L^*_E$
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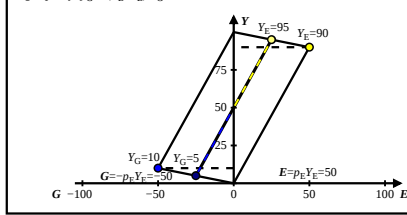
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 $E^* = p^*_E L^*_E$
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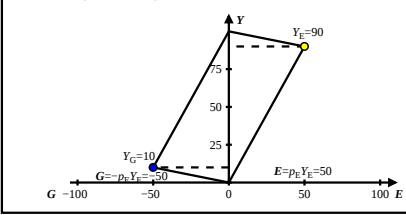
Antagonistic Eigen and Gegen colour values E and G
 in the linear colour space of *Luther-Nyberg* 19xx, siehe xx, page xx.
 Eigen chromatic value $E = X_E - Y_E = 50$, and Eigen tristimulus value $Y_E = 90$
 Gegen chromatic value $G = -(X_E - Y_E) = -50$, and Gegen tristimulus value $Y_G = 10$
 Eigen purity: $p_E = (X_E - Y_E)/Y_E = 50/90 = 0.55$
 Gegen purity: $p_G = -(X_E - Y_E)/Y_G = -50/10 = -5$



Antagonistic Eigen and Gegen colour values E and G
 in the linear colour space of *Luther-Nyberg* 19xx, siehe xx, page xx.
 Eigen chromatic value $E = X_E - Y_E = 50$, and Eigen tristimulus value $Y_E = 90$
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