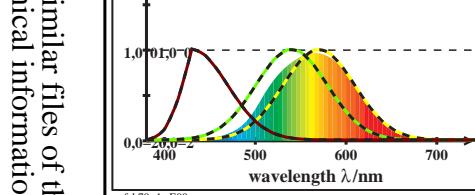


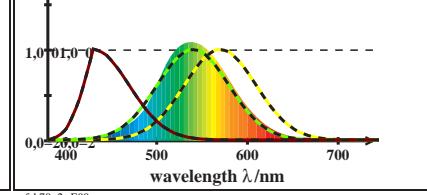
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/febs.htm> or <http://color.li.tu-berlin.de>



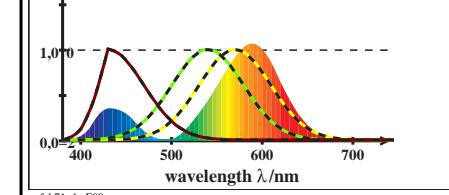
HPE\_CIE02 cone sensitivity  $\bar{y}_{\max}(\lambda)=1$   
 $T_1(\lambda)=B_{11}\bar{x}_1(\lambda)+B_{12}\bar{y}_1(\lambda)+B_{13}\bar{z}_1(\lambda)$   
 $B_{1j}$  0,3897 0,6889 -0,0786  $\lambda=570$   
 $E00: \sum T_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



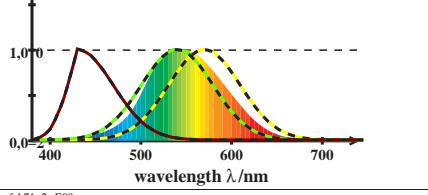
HPE\_CIE02 cone sensitivity  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{m}_1(\lambda)=B_{21}\bar{x}_1(\lambda)+B_{22}\bar{y}_1(\lambda)+B_{23}\bar{z}_1(\lambda)$   
 $B_{2j}$  -0,2298 1,1834 0,0464  $\lambda=540$   
 $E00: \sum \bar{m}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



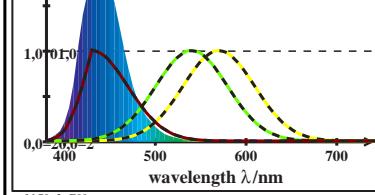
CIE02 spectral tristimulus values  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{x}_1(\lambda)=A_{11}\bar{l}_1(\lambda)+A_{12}\bar{m}_1(\lambda)+A_{13}\bar{s}_1(\lambda)$   
 $A_{1j}$  1,9101 -1,1121 0,2019 ( $\lambda=570$ )  
 $E00: \sum \bar{x}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



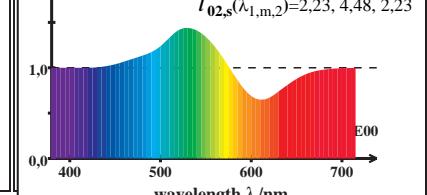
CIE02 spectral tristimulus values  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{y}_1(\lambda)=A_{21}\bar{l}_1(\lambda)+A_{22}\bar{m}_1(\lambda)+A_{23}\bar{s}_1(\lambda)$   
 $A_{2j}$  0,3709 0,6290 -0,000 ( $\lambda=540$ )  
 $E00: \sum \bar{y}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



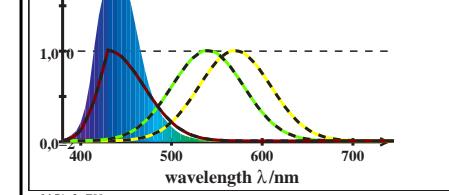
HPE\_CIE02 cone sensitivity  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{s}_1(\lambda)=B_{31}\bar{x}_1(\lambda)+B_{32}\bar{y}_1(\lambda)+B_{33}\bar{z}_1(\lambda)$   
 $B_{3j}$  0,000 0,000 1,000  $\lambda=430$   
 $E00: \sum \bar{s}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



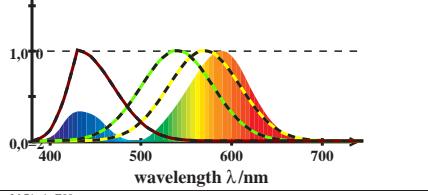
HPE\_CIE02 cone sensitivity  $\bar{Y}_{\max}(\lambda)=100$   
 $HPE_CIE02\text{-cone sensitivity } \bar{y}_{\max}(\lambda)=1$   
 $T_{02,n}(\lambda)=[B_{11}\bar{x}_{02,n}(\lambda)+B_{12}\bar{y}_{02,n}(\lambda)+B_{13}\bar{z}_{02,n}(\lambda)]/4,48$   
 $B_{1j}$  0,3897 0,6889 -0,0786 ( $\lambda\sim 570$ )  
 $\lambda_{1,m,2}=518, 575, 627$   $E00: \sum T_{02,s}(\lambda)=100,00$   
 $T_{02,s}(\lambda_{1,m,2})=2,23, 4,48, 2,23$



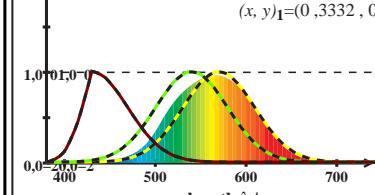
CIE02 spectral tristimulus values  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{z}_1(\lambda)=A_{31}\bar{l}_1(\lambda)+A_{32}\bar{m}_1(\lambda)+A_{33}\bar{s}_1(\lambda)$   
 $A_{3j}$  0,000 0,000 1,000 ( $\lambda=430$ )  
 $E00: \sum \bar{z}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



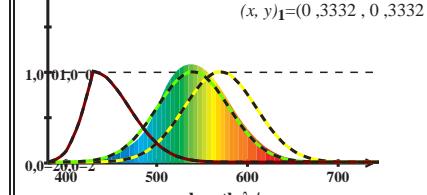
CIE02 spectral tristimulus values  $\bar{Y}_{\sum}=100$   
 $\bar{x}_s(\lambda)=A_{11}\bar{l}_s(\lambda)+A_{12}\bar{m}_s(\lambda)+A_{13}\bar{s}_s(\lambda)$   
 $A_{1j}$  1,9101 -1,1121 0,2019 ( $\lambda=570$ )  
 $E00: \sum \bar{x}_s(\lambda)=99,99$   
 $(x, y)_s=(0,3333, 0,3333)$



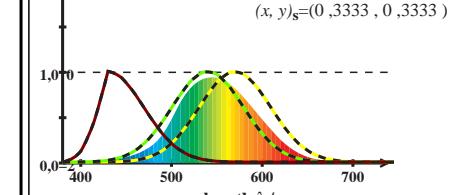
HPE\_CIE02 cone sensitivity  $\bar{y}_{\max}(\lambda)=1$   
 $T_1(\lambda)=B_{11}\bar{x}_1(\lambda)+B_{12}\bar{y}_1(\lambda)+B_{13}\bar{z}_1(\lambda)$   
 $B_{1j}$  0,3897 0,6889 -0,0786  $\lambda=570$   
 $E00: \sum T_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



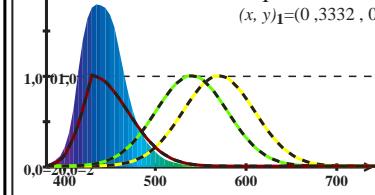
HPE\_CIE02 cone sensitivity  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{m}_1(\lambda)=B_{21}\bar{x}_1(\lambda)+B_{22}\bar{y}_1(\lambda)+B_{23}\bar{z}_1(\lambda)$   
 $B_{2j}$  -0,2298 1,1834 0,0464  $\lambda=540$   
 $E00: \sum \bar{m}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



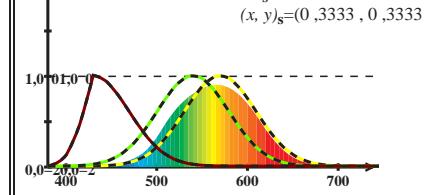
CIE02 spectral tristimulus values  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{y}_s(\lambda)=A_{21}\bar{l}_s(\lambda)+A_{22}\bar{m}_s(\lambda)+A_{23}\bar{s}_s(\lambda)$   
 $A_{2j}$  0,3709 0,6290 -0,000 ( $\lambda=540$ )  
 $E00: \sum \bar{y}_s(\lambda)=99,99$   
 $(x, y)_s=(0,3333, 0,3333)$



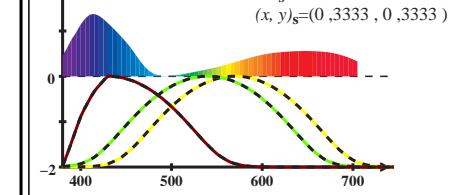
HPE\_CIE02 cone sensitivity  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{s}_1(\lambda)=B_{31}\bar{x}_1(\lambda)+B_{32}\bar{y}_1(\lambda)+B_{33}\bar{z}_1(\lambda)$   
 $B_{3j}$  0,000 0,000 1,000  $\lambda=430$   
 $E00: \sum \bar{s}_1(\lambda)=21,37$   
 $(x, y)_1=(0,3332, 0,3332)$



HPE\_CIE02 cone sensitivity  $\bar{Y}_{\max}(\lambda)=100$   
 $HPE_CIE02\text{-cone sensitivity } \bar{y}_{\max}(\lambda)=1$   
 $T_{02,n}(\lambda)=[B_{11}\bar{x}_{02,n}(\lambda)+B_{12}\bar{y}_{02,n}(\lambda)+B_{13}\bar{z}_{02,n}(\lambda)]/4,48$   
 $B_{1j}$  0,3897 0,6889 -0,0786 ( $\lambda\sim 570$ )  
 $\lambda_{1,m,2}=518, 575, 627$   $E00: \sum T_{02,s}(\lambda)=100,00$   
 $T_{02,s}(\lambda_{1,m,2})=2,23, 4,48, 2,23$



CIE02 spectral tristimulus values  $\bar{y}_{\max}(\lambda)=1$   
 $\bar{z}_s(\lambda)=A_{31}\bar{l}_s(\lambda)+A_{32}\bar{m}_s(\lambda)+A_{33}\bar{s}_s(\lambda)$   
 $A_{3j}$  0,000 0,000 1,000 ( $\lambda=430$ )  
 $E00: \sum \bar{z}_s(\lambda)=100,00$   
 $(x, y)_s=(0,3333, 0,3333)$



TUB-test chart feb7; HPE-CIE 1931 02-degree colorimetry between CIEXYZ and HPE-LMS  
Cone sensitivity and excitation, and spectral tristimulus values for CIE illuminant E00, linear data

