

These X and Y values, taken together, are points on the XY plane that draw the shape of the CIE chromaticity diagram.

Assignment

Write a program that creates a 300 x 300 pixel image of the CIE chromaticity diagram. Use the values given above to draw the horseshoe shape. Close it off at the bottom with a straight line.

Put the RGB gamut colors on this diagram using the transformation matrix above.