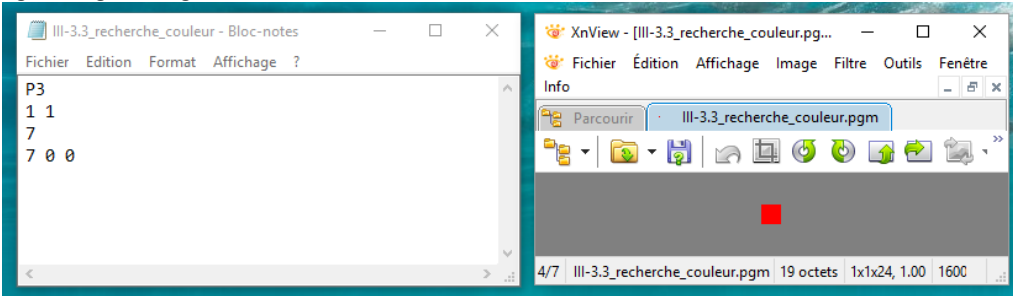


Handout 43. Encoding color images

Research: Understanding how a colored pixel is encoded

The same file, named III-3.3_recherche_color, is opened on the left using a text editor and on the right using an image editor:



Instructions: Replace the figures 7, 0 and 0 in the fourth line of the file by other values between 0 and 7, save, refresh the display in the image editor and observe the changes (use your magnifying glass!). Explain what can be concluded on how a colored pixel is coded.

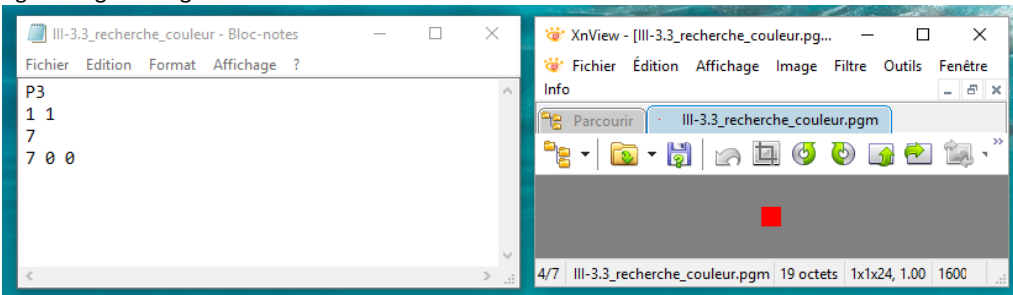
Challenge

Code this lighthouse in the pre-completed file III-3.3_challenge_color_prefilled.pbr and view it on the screen.



Research: Understanding how a colored pixel is encoded

The same file, named III-3.3_recherche_color, is opened on the left using a text editor and on the right using an image editor:



Instructions: Replace the figures 7, 0 and 0 in the fourth line of the file by other values between 0 and 7, save, refresh the display in the image editor and observe the changes (use your magnifying glass!). Explain what can be concluded on how a colored pixel is coded.

Challenge

Code this lighthouse in the pre-completed file III-3.3_challenge_color_prefilled.pbr and view it on the screen.

