

Folie 2/3

Selected Functional requirements

Pencil: On click - Draw around the mouse pointer a circle with a configurable radius

Flood Fill: Fills the area, which is connected to the clicked pixel and has the same color

Forms Tool:

Line with variable width between 2 points (supports different types of lines [like dotted lines])

Plain Tool:

Fills the whole picture with one single color

Undo/Redo Tool

Folie 4

3 different color channels (red, green, blue) with 255 colors each

Often also alpha channel

Folie 5

2 bits for each color channel

Additive color display of these 16 colors which allows for a pretty colorful spectrum of colors

Medium color variation, saturation differences and lighting levels

Folie 6

No full color spectrum, but finely granular color display of red, green, blue and gray shades

Very little variation in hue and no saturation variation but a lot of lighting levels

Folie 7

All colors of variant 2

Folie 8

Freely selectable list of 255 colors

The selection of colors is completely in the hands of the customer