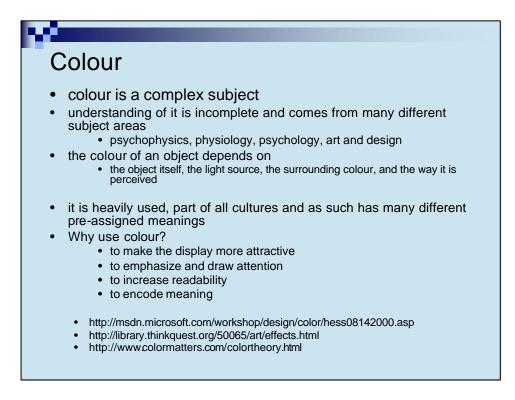
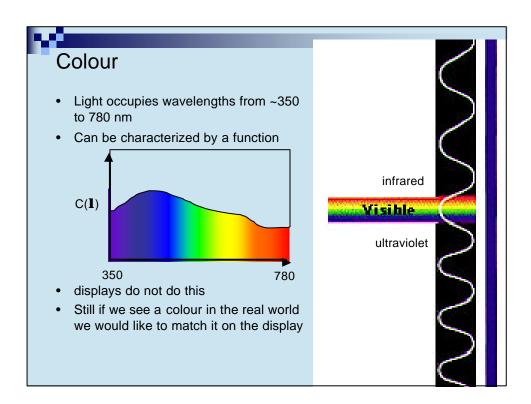
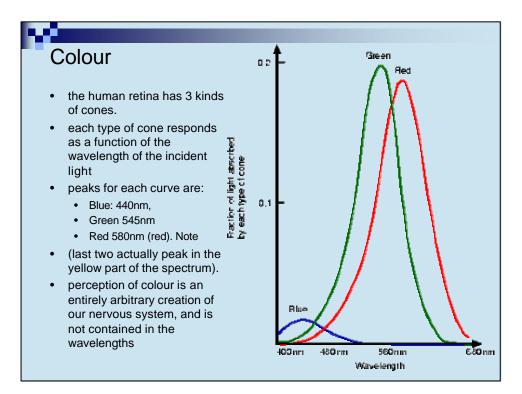
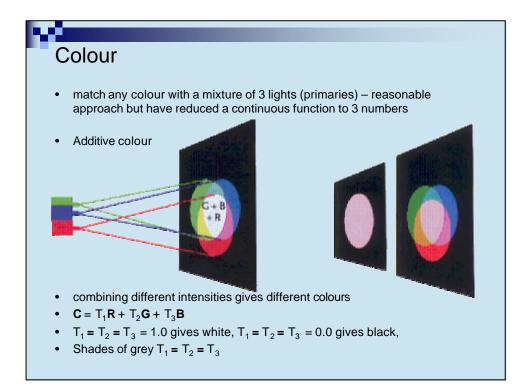
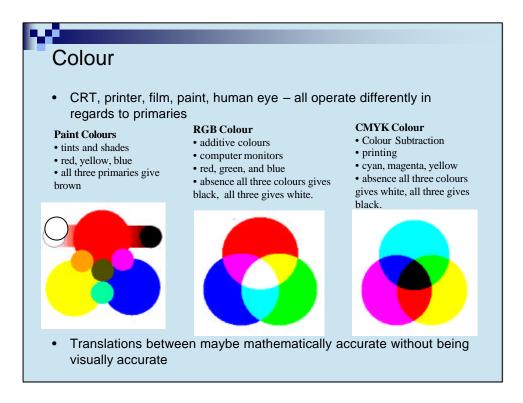
## CPSC 453 – Computer Graphics Colour Sheelagh Carpendale

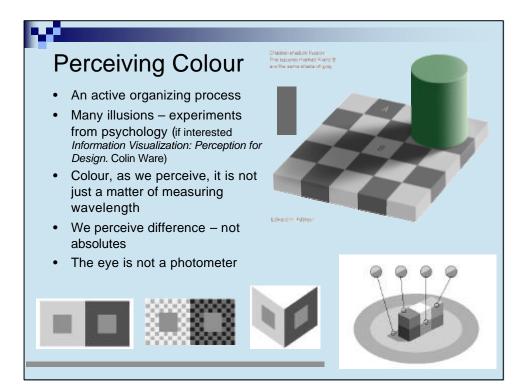


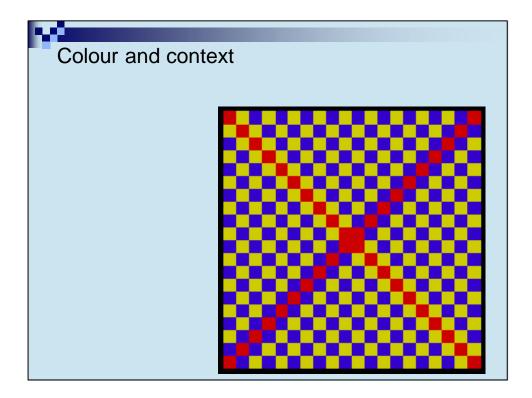


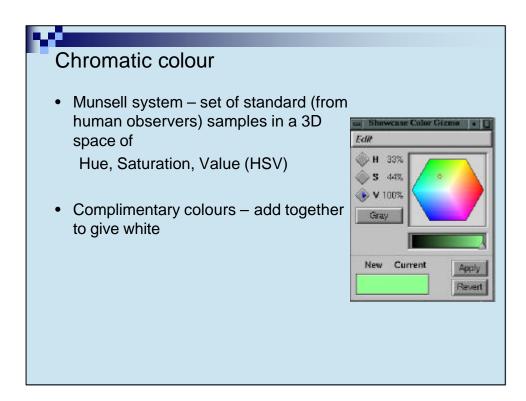


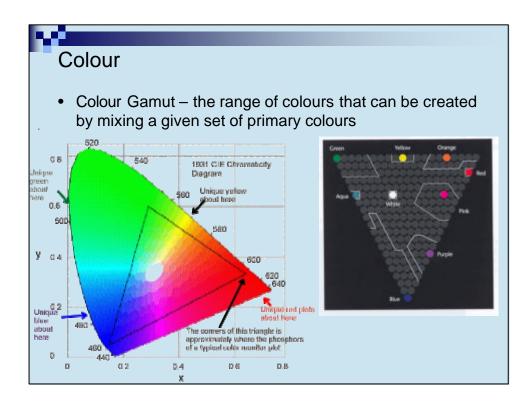


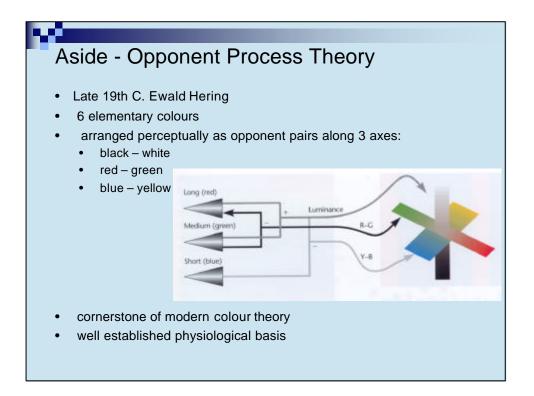


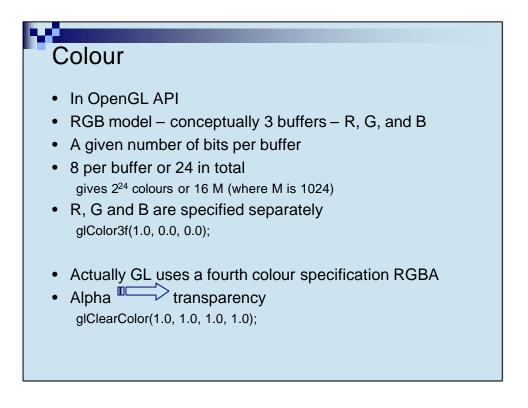




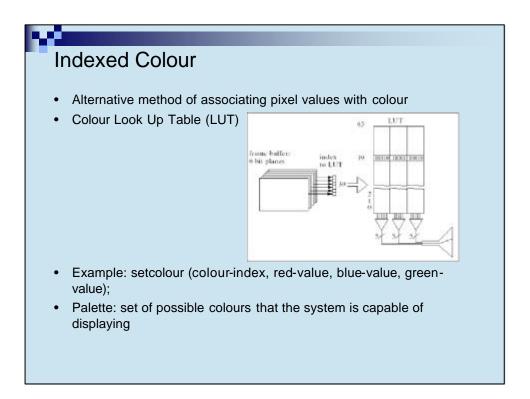












## Colour: number of palettes

- k: number of planes in the frame buffer (bit)
- m: width of each entry in the LUT per colour (bits) (2<sup>m</sup> reds, 2<sup>m</sup> greens, 2<sup>m</sup> blues)
- 2<sup>3m</sup> possible colours (palettes)
- 2<sup>k</sup> colors at one time
- User constructs LUT using m bits for each RGB
- Entries in the LUT can specified by index
- Advantages
  - Less cost of memory
  - More flexible
  - Largely used when frame buffer cannot support *full* colour

## Colour References

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