



## <list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>













- Orientation is very short (~ 4 levels)
- Other variables are in between (~ 10 levels)

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## Attention

- Recall the spotlight metaphor
  - Attention spotlight moves serially from one input channel to another
  - All stimuli within spotlighted channel are processed in parallel

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- Input channel = one or more visual variables
  - -e.g., position, hue

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## Selectivity

- Selective perception: can attention be focused on one value of the variable, excluding other variables and values?
  - Selective: position, size, orientation, hue, value, texture
  - Not selective: shape

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Recall the	Recall the Stroop Effect					
Green						
Orange						
Red						
Black						
Pink						
Blue						
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## **Techniques for Contrast**

- Choose appropriate visual variables
- Use as much length as possible
- Sharpen distinctions for easier perception
  - Multiplicative scaling, not additive
  - Redundant coding where needed
  - Cartoonish exaggeration where needed

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• Use the "squint test"

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