

aColor

Color

Color class

Nomenclature

instance de

System Browser: Color

Graphics-Primitives
Graphics-Text
Graphics-Transformations
Graphics-Fonts
GraphicsTests-Primitive
GraphicsTests-Text
GraphicsTests-Files
Morphic-Balloon
Morphic-Basic
Morphic-Basic-NewCur
Morphic-Borders
Morphic-Collections-Ar

BitBlt
Bitmap
Color
ColorMap
Pen
PenPointRecorder
Point
Quadrangle
Rectangle
TranslucentColor

-- all --
access
conversions
copying
equality
groups of shades
Morphic menu
other
printing
queries
self evaluating
transformations

alpha
blue
brightness
green
hue
luminance
red
saturation

instance ? class

browse senders implementors versions inheritance hierarchy inst vars

hue

"Return the hue of this color, an angle in the range [0.0..360.0]."

```
| r g b max min span h |  
r _ self privateRed.  
g _ self privateGreen.  
b _ self privateBlue.  
  
max _ ((r max: g) max: b).  
min _ ((r min: g) min: b).  
span _ (max - min) asFloat.  
span = 0.0 ifTrue: [ + 0.0 ].
```

System Browser: Color

Graphics-Primitives
Graphics-Text
Graphics-Transformations
Graphics-Fonts
GraphicsTests-Primitive
GraphicsTests-Text
GraphicsTests-Files
Morphic-Balloon
Morphic-Basic
Morphic-Basic-NewCur
Morphic-Borders
Morphic-Collections-Ar

BitBlt
Bitmap
Color
ColorMap
Pen
PenPointRecorder
Point
Quadrangle
Rectangle
TranslucentColor

-- all --
class initialization
color from user
colormaps
examples
instance creation
named colors
other

colorRampForDepth:ex
hotColdShades:
showColorCube
showColors:
showHSVPalettes
showHuesInteractively
wheel:
wheel:saturation:brigh

instance ? class

browse senders implementors versions inheritance hierarchy inst vars class vars source

wheel: thisMany

"Return a collection of thisMany colors evenly spaced around the color wheel."
"Color showColors: (Color wheel: 12)"

+ Color wheel: thisMany saturation: 0.9 brightness: 0.7