

Converting Colors

`RYB(97, 164, 222)`

Have a look what the booklet for
RYB(97, 164, 222) contains.

RYB(97, 164, 222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(97, 164, 222)`

Conversions

Conversions Part 1

Format	Color
Hex	61DECD
RGB	97, 222, 205
RGB Percent	38%, 87%, 80%
CMY	0.6196, 0.1294, 0.1953
CMYK	0.56, 0.00, 0.08, 0.13
HSL	172°, 65%, 63%
HSV	172°, 56%, 87%
XYZ	42.0957, 59.2018, 67.0984
YIQ	182.6870, -69.0430, -31.7870

Conversions

Conversions Part 2

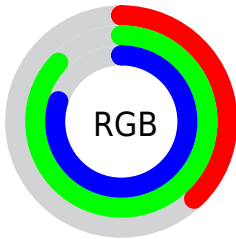
Format	Color
RYB	97, 164, 222
Decimal	6414029
CIELab	81.40, -38.71, -2.26
CIELCh	81, 38.777, 183.341
Yxy	59.2018, 0.2500, 0.3516
Android (android.graphics.Color)	4284604109 (0xFF61DECD)
YUV	182.6870, 11.0003, -75.1475
Hunter-Lab	76.9427, -36.9915, 2.1557

Details

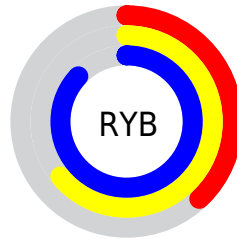
The RYB color **97, 164, 222** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **222, 97, 114**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **157, 206, 255**, and **17, 95, 166** is the 20% darker color. If you saturate the color by 10%, you get **75, 154, 222**, and if you desaturate by 10%, it is **119, 174, 222**.

Distribution



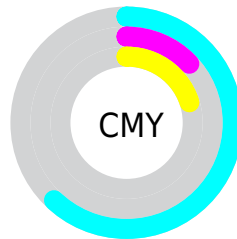
- Red (38%)
- Green (87%)
- Blue (80%)



- Red (38%)
- Yellow (64%)
- Blue (87%)



- Cyan (56%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



















- Cyan (62%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 164, 222 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 97, 164, 222 by changing the saturation by 10% instead.

 97, 164, 222	 97, 164, 222
 255, 255, 255	 64, 133, 194
 157, 206, 255	 17, 95, 166
 187, 221, 255	 0, 73, 139
 217, 236, 255	 0, 60, 113
 248, 252, 255	 0, 47, 88
	 0, 35, 64
	 0, 24, 42
	 0, 5, 10
	 0, 0, 0

■ 97, 164, 222

■ 97, 164, 222

■ 75, 154, 222

■ 119, 174, 222

■ 53, 144, 222

■ 141, 184, 222

■ 30, 133, 222

■ 164, 195, 222

■ 8, 123, 222

■ 186, 205, 222

■ 0, 119, 222

■ 208, 216, 222

■ 230, 222, 223

■ 252, 222, 226

■ 255, 222, 229

■ 255, 222, 232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141, 198, 219



97, 164, 222



71, 151, 241

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97, 164, 222



212, 191, 255



254, 229, 138

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97, 164, 222



222, 97, 114

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 181, 164



97, 164, 222



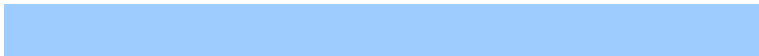
252, 180, 236

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97, 164, 222



158, 189, 255



255, 174, 199



158, 223, 129

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 164, 222



86, 160, 255



255, 174, 199



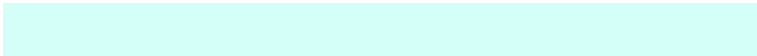
255, 208, 145

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97, 164, 222



212, 235, 255



97, 222, 203



102, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 164, 222



82, 175, 255



97, 146, 222



101, 107, 112



0, 94, 176



0, 26, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



222, 97, 114



255, 82, 105



222, 165, 97



112, 101, 102



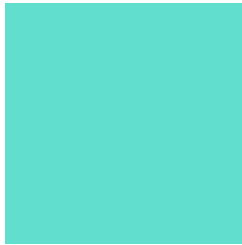
176, 0, 24



48, 0, 7

Previews

White Background



This preview shows how the RYB color 97, 164, 222 looks on a white background.

Color Contrast Check

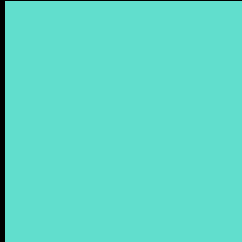
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 97, 164, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

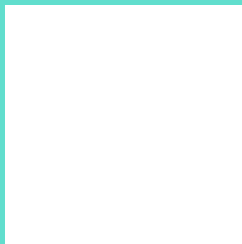
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 97, 164, 222 Background



This preview shows how black text looks on a background with the RYB color 97, 164, 222.

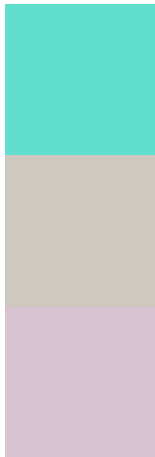


This preview shows how white text looks on a background with the RYB color 97, 164, 222.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
97, 164, 222

Protanopia
204, 206, 193

Deuteranopia
216, 195, 211



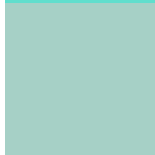
Tritanopia
108, 167, 235

Trichromacy



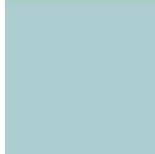
Original Color

97, 164, 222



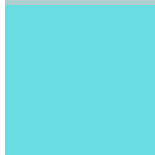
Protanomaly

166, 190, 208



Deuteranomaly

173, 190, 209



Tritanomaly

104, 163, 224

Monochromacy



Original Color

97, 164, 222



Achromatopsia

183, 183, 183



Achromatomaly

152, 176, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 164, 222 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(97, 222, 205)` looks like.

```
.text, #text, p{  
    color:rgb(97, 222, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(97, 222, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 222, 205) }
```

Border

The CSS property to change the border of an element to RYB 97, 164, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 222, 205) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(97, 222, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(97, 222, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 222, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 222, 205);  
box-shadow:4px 4px 4px 4px rgb(97, 222,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 97, 164, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 222, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(97, 222,  
205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor