

Converting Colors

`RYB(127, 167, 205)`

Have a look what the booklet for
RYB(127, 167, 205) contains.

RYB(127, 167, 205)	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

R_YB(127, 167, 205)

Conversions

Conversions Part 1

Format	Color
Hex	7FCDC9
RGB	127, 205, 201
RGB Percent	50%, 80%, 79%
CMY	0.5020, 0.1961, 0.2114
CMYK	0.38, 0.00, 0.02, 0.20
HSL	177°, 44%, 65%
HSV	177°, 38%, 80%
XYZ	41.1381, 52.3964, 63.2654
YIQ	181.2220, -45.2040, -17.7800

Conversions

Conversions Part 2

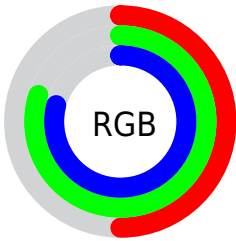
Format	Color
RYB	127, 167, 205
Decimal	8375753
CIELab	77.52, -24.88, -5.65
CIELCh	78, 25.511, 192.805
Yxy	52.3964, 0.2624, 0.3342
Android (android.graphics.Color)	4286565833 (0xFF7FCDC9)
YUV	181.2220, 9.7506, -47.5527
Hunter-Lab	72.3854, -25.2292, -1.1501

Details

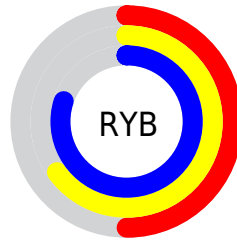
The RYB color **127, 167, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **205, 127, 131**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **183, 219, 255**, and **72, 112, 150** is the 20% darker color. If you saturate the color by 10%, you get **107, 157, 205**, and if you desaturate by 10%, it is **148, 177, 205**.

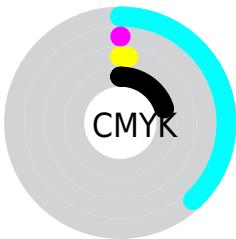
Distribution



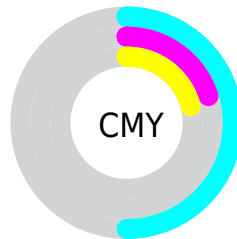
- Red (50%)
- Green (80%)
- Blue (79%)



- Red (50%)
- Yellow (65%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 167, 205 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 127, 167, 205 by changing the saturation by 10% instead.

 127, 167, 205


255, 255, 255


 183, 219, 255

 212, 234, 255

 241, 248, 255

 127, 167, 205

 100, 139, 177


 72, 112, 150

 43, 84, 124

 0, 50, 99

 0, 38, 75

 0, 26, 52


 0, 17, 32

 0, 0, 3


 0, 0, 0


 127, 167, 205


 127, 167, 205

 107, 157, 205


 148, 177, 205

 86, 147, 205


 168, 187, 205

 66, 137, 205


 189, 197, 205

 45, 127, 205


 209, 205, 205

 25, 117, 205

 230, 205, 206

 4, 107, 205

 250, 205, 207

 0, 105, 205

 255, 205, 208

 255, 205, 209

 255, 205, 210

Harmonies

Analogous

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



146, 184, 204



127, 167, 205



126, 169, 223

Triad

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



127, 167, 205



208, 182, 226



217, 221, 147

Complementary

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



127, 167, 205



205, 127, 131

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.



236, 184, 160



127, 167, 205



230, 176, 206

Square

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



127, 167, 205



177, 188, 237



240, 175, 182



152, 199, 145

Rectangle

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



127, 167, 205



137, 175, 233



240, 175, 182



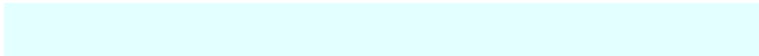
228, 207, 150

Sweetspot

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



127, 167, 205



227, 241, 255



127, 205, 201



111, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 167, 205



138, 198, 255



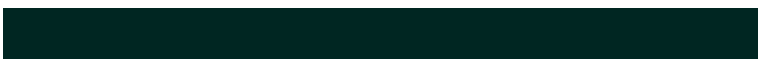
127, 155, 205



92, 97, 102



0, 85, 166



0, 20, 38

Inverse Universe

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



205, 127, 131



255, 138, 144



205, 190, 127



102, 92, 92



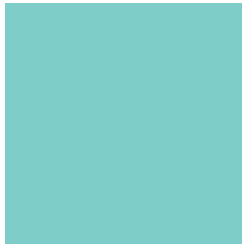
166, 0, 8



38, 0, 2

Previews

White Background



This preview shows how the RYB color 127, 167, 205 looks on a white background.

Color Contrast Check

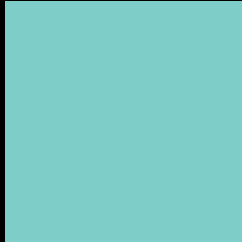
Large Text (above 18pt) WCAG AA × Fail

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 127, 167, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

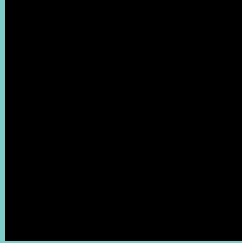
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

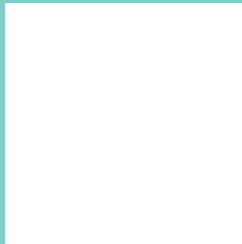
Any Text WCAG AAA ✓ Pass

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

R Y B 127, 167, 205 Background



This preview shows how black text looks on a background with the RYB color 127, 167, 205.

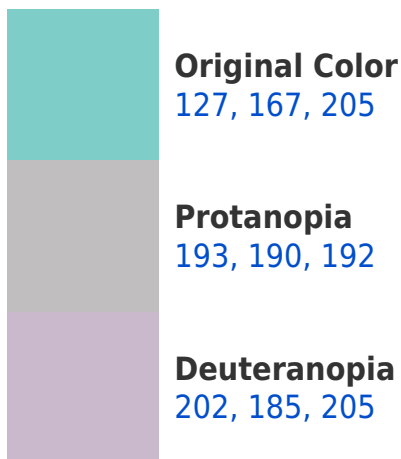


This preview shows how white text looks on a background with the RYB color 127, 167, 205.

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





Tritanopia
132, 171, 219

Trichromacy



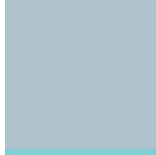
Original Color

127, 167, 205



Protanomaly

169, 182, 195



Deuteranomaly

175, 186, 204



Tritanomaly

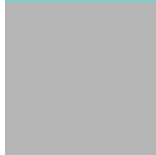
130, 169, 212

Monochromacy



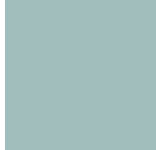
Original Color

127, 167, 205



Achromatopsia

181, 181, 181



Achromatomaly

161, 176, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 167, 205 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(127, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(127, 205, 201)  
}
```

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(127, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 205, 201) }
```

Border

The CSS property to change the border of an element to RYB 127, 167, 205 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(127, 205, 201) }
```

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

```
.border{ border-color:rgb(127, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 205, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 205, 201); box-shadow:4px 4px 4px 4px rgb(127, 205, 201) }
```

Background

The CSS property to change the background color of an element to RYB 127, 167, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 205, 201) }
```

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

```
.background{ background-color: rgb(127,  
205, 201) }
```

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](#).

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