

Converting Colors

`RYB(125, 168, 203)`

Have a look what the booklet for
RYB(125, 168, 203) contains.

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Color

R_YB(125, 168, 203)

Conversions

Conversions Part 1

Format	Color
Hex	7DCBBC
RGB	125, 203, 188
RGB Percent	49%, 80%, 74%
CMY	0.5098, 0.2039, 0.2608
CMYK	0.38, 0.00, 0.07, 0.20
HSL	169°, 43%, 64%
HSV	169°, 38%, 80%
XYZ	38.9432, 50.7238, 55.5916
YIQ	177.9680, -41.6730, -21.2010

Conversions

Conversions Part 2

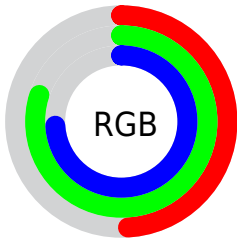
Format	Color
RYB	125, 168, 203
Decimal	8244156
CIELab	76.51, -27.39, -0.35
CIELCh	77, 27.393, 180.727
Yxy	50.7238, 0.2681, 0.3492
Android (android.graphics.Color)	4286434236 (0xFF7DCBBC)
YUV	177.9680, 4.9458, -46.4529
Hunter-Lab	71.2206, -27.0328, 3.5754

Details

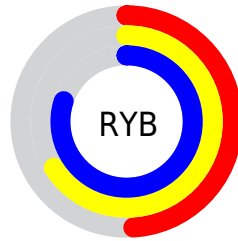
The RYB color **125, 168, 203** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **203, 125, 140**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **181, 221, 255**, and **71, 114, 149** is the 20% darker color. If you saturate the color by 10%, you get **105, 159, 203**, and if you desaturate by 10%, it is **145, 177, 203**.

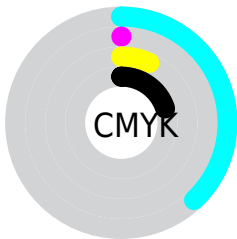
Distribution



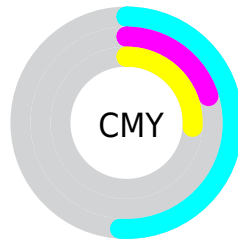
- Red (49%)
- Green (80%)
- Blue (74%)



- Red (49%)
- Yellow (66%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (51%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 168, 203 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 125, 168, 203 by changing the saturation by 10% instead.

 125, 168, 203


255, 255, 255


 181, 221, 255

 209, 232, 255

 238, 247, 255

 125, 168, 203

 98, 140, 175


 71, 114, 149

 42, 85, 122

 2, 52, 97


 0, 39, 73

 0, 27, 50

 0, 19, 31


 0, 0, 0

 125, 168, 203


 125, 168, 203

 105, 159, 203


 145, 177, 203

 84, 150, 203


 166, 186, 203

 64, 141, 203

 186, 195, 203

 44, 132, 203

 206, 203, 204

 24, 123, 203

 227, 203, 207

 3, 113, 203

 247, 203, 211

 0, 112, 203

 255, 203, 215

 255, 203, 219

 255, 203, 222

Harmonies

Analogous

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



150, 191, 201



125, 168, 203



114, 161, 214

Triad

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



125, 168, 203



194, 182, 232



228, 203, 145

Complementary

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



125, 168, 203



203, 125, 140

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.



239, 173, 164



125, 168, 203



222, 174, 214

Square

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



125, 168, 203



158, 181, 239



238, 170, 189



166, 207, 138

Rectangle

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



125, 168, 203



120, 166, 227



238, 170, 189



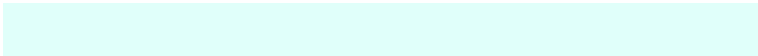
233, 187, 151

Sweetspot

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



125, 168, 203



224, 241, 255



125, 203, 187



110, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 168, 203



138, 203, 255



125, 157, 203



92, 98, 102



0, 92, 166



0, 21, 38

Inverse Universe

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



203, 125, 140



255, 138, 160



203, 158, 125



102, 92, 94



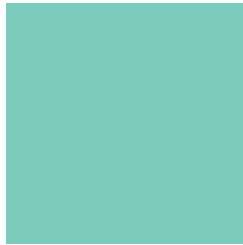
166, 0, 31



38, 0, 7

Previews

White Background



This preview shows how the RYB color 125, 168, 203 looks on a white background.

Color Contrast Check

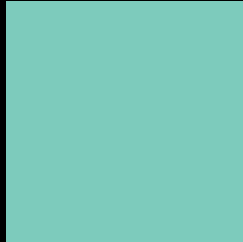
Large Text (above 18pt) WCAG AA × Fail

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 125, 168, 203 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

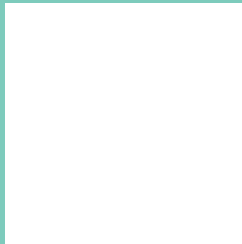
Any Text WCAG AAA ✓ Pass

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

RYB 125, 168, 203 Background



This preview shows how black text looks on a background with the RYB color 125, 168, 203.

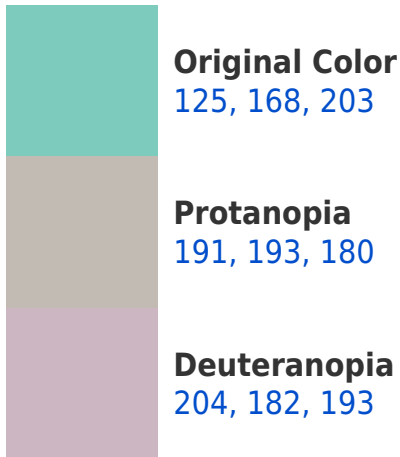


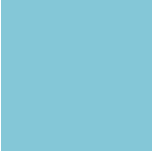
This preview shows how white text looks on a background with the RYB color 125, 168, 203.

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, 169, 215

Trichromacy



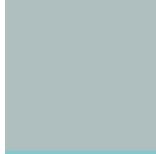
Original Color

125, 168, 203



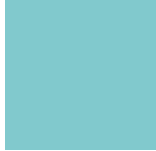
Protanomaly

168, 184, 193



Deuteranomaly

175, 183, 191



Tritanomaly

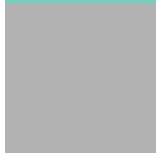
129, 166, 205

Monochromacy



Original Color

125, 168, 203



Achromatopsia

178, 178, 178



Achromatomaly

159, 174, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 168, 203 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(125, 203, 188)` looks like.

```
.text, #text, p{  
    color:rgb(125, 203, 188)  
}
```

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(125, 203, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 203, 188) }
```

Border

The CSS property to change the border of an element to RYB 125, 168, 203 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(125, 203, 188) }
```

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

```
.border{ border-color:rgb(125, 203, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 203, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 203, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 203, 188);  
box-shadow:4px 4px 4px 4px rgb(125, 203,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 125, 168, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 203, 188) }
```

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

```
.background{ background-color: rgb(125,  
203, 188) }
```

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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