

Converting Colors

`RYB(125, 177, 212)`

Have a look what the booklet for
RYB(125, 177, 212) contains.

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Color

R_YB(125, 177, 212)

Conversions

Conversions Part 1

Format	Color
Hex	7DD4B8
RGB	125, 212, 184
RGB Percent	49%, 83%, 72%
CMY	0.5098, 0.1686, 0.2802
CMYK	0.41, 0.00, 0.13, 0.17
HSL	160°, 50%, 66%
HSV	160°, 41%, 83%
XYZ	40.6064, 54.8891, 53.5592
YIQ	182.7950, -42.8640, -27.1520

Conversions

Conversions Part 2

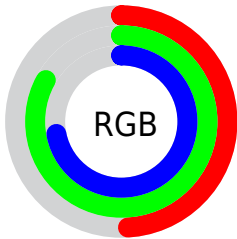
Format	Color
RYB	125, 177, 212
Decimal	8246456
CIELab	78.98, -32.81, 5.88
CIElCh	79, 33.329, 169.845
Yxy	54.8891, 0.2724, 0.3682
Android (android.graphics.Color)	4286436536 (0xFF7DD4B8)
YUV	182.7950, 0.5941, -50.6862
Hunter-Lab	74.0872, -31.8187, 8.9991

Details

The RYB color **125, 177, 212** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **212, 125, 153**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **181, 222, 255**, and **70, 121, 157** is the 20% darker color. If you saturate the color by 10%, you get **104, 168, 212**, and if you desaturate by 10%, it is **146, 186, 212**.

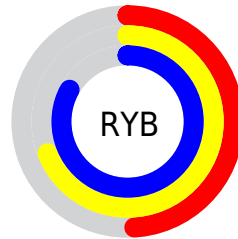
Distribution



Red (49%)

Green (83%)

Blue (72%)



Red (49%)

Yellow (69%)

Blue (83%)

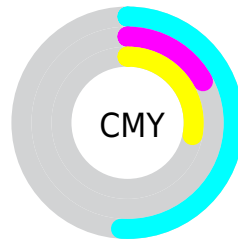


Cyan (41%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (51%)

Magenta (17%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 177, 212 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, 177, 212 by changing the saturation by 10% instead.

 125, 177, 212


255, 255, 255


 181, 222, 255


 210, 233, 255

 239, 247, 255

 125, 177, 212

 97, 148, 184

 70, 121, 157

 40, 92, 130

 0, 59, 105


 0, 46, 80

 0, 35, 57

 0, 25, 36


 0, 0, 0

 125, 177, 212


 125, 177, 212

 104, 168, 212


 146, 186, 212

 83, 160, 212


 167, 194, 212


 61, 151, 212

 189, 203, 212

 40, 143, 212

 210, 211, 212

 19, 134, 212

 231, 212, 218

 0, 127, 212

 252, 212, 225

 255, 212, 232

 255, 212, 239

 255, 212, 246

Harmonies

Analogous

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



155, 208, 202



125, 177, 212



98, 156, 215

Triad

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



125, 177, 212



185, 191, 254



249, 194, 149

Complementary

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



125, 177, 212



212, 125, 153

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, 173, 176



125, 177, 212



225, 181, 236

Square

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



125, 177, 212



139, 180, 255



250, 173, 207



197, 227, 135

Rectangle

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



125, 177, 212



97, 159, 234



250, 173, 207



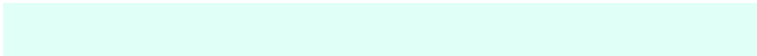
254, 182, 157

Sweetspot

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



125, 177, 212



224, 242, 255



125, 212, 183



110, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 177, 212



130, 205, 255



125, 164, 212



96, 102, 107



0, 102, 171



0, 26, 43

Inverse Universe

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



212, 125, 153



255, 130, 171



212, 142, 125



107, 96, 100



171, 0, 56



43, 0, 14

Previews

White Background



This preview shows how the RYB color 125, 177, 212 looks on a white background.

Color Contrast Check

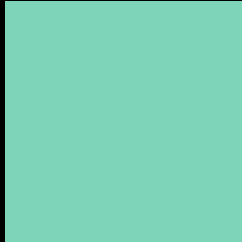
Large Text (above 18pt) WCAG AA × Fail

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, 177, 212 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, 177, 212 Background



This preview shows how black text looks on a background with the RYB color 125, 177, 212.

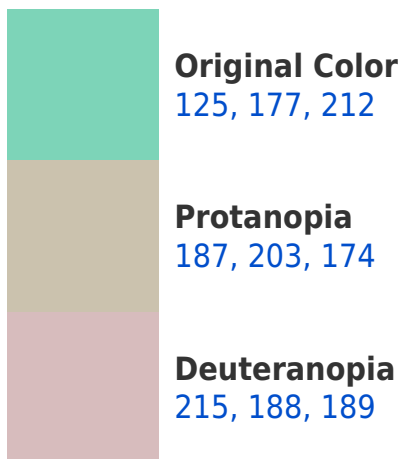


This preview shows how white text looks on a background with the RYB color 125, 177, 212.

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
135, 174, 223

Trichromacy



Original Color

125, 177, 212



Protanomaly

175, 199, 201



Deuteranomaly

182, 193, 197



Tritanomaly

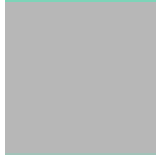
131, 170, 209

Monochromacy



Original Color

125, 177, 212



Achromatopsia

183, 183, 183



Achromatomaly

162, 181, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 177, 212 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, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(125, 212, 184)  
}
```

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, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 212, 184) }
```

Border

The CSS property to change the border of an element to RYB 125, 177, 212 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, 212, 184) }
```

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

```
.border{ border-color:rgb(125, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 212, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 212, 184); box-shadow:4px 4px 4px 4px rgb(125, 212, 184) }
```

Background

The CSS property to change the background color of an element to RYB 125, 177, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 212, 184) }
```

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

```
.background{ background-color: rgb(125,  
212, 184) }
```

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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