

Converting Colors

`RYB(124, 176, 208)`

Have a look what the booklet for
RYB(124, 176, 208) contains.

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Color

R_YB(124, 176, 208)

Conversions

Conversions Part 1

Format	Color
Hex	7CD0B0
RGB	124, 208, 176
RGB Percent	49%, 82%, 69%
CMY	0.5137, 0.1843, 0.3110
CMYK	0.40, 0.00, 0.16, 0.18
HSL	157°, 47%, 65%
HSV	157°, 40%, 82%
XYZ	38.6741, 52.5193, 49.0137
YIQ	179.2360, -39.7920, -27.7600

Conversions

Conversions Part 2

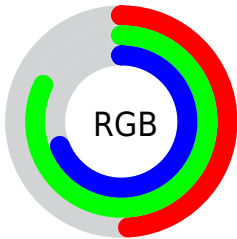
Format	Color
RYB	124, 176, 208
Decimal	8179888
CIELab	77.59, -32.90, 8.08
CIELCh	78, 33.877, 166.195
Yxy	52.5193, 0.2758, 0.3746
Android (android.graphics.Color)	4286369968 (0xFF7CD0B0)
YUV	179.2360, -1.5953, -48.4420
Hunter-Lab	72.4702, -31.5653, 10.6295

Details

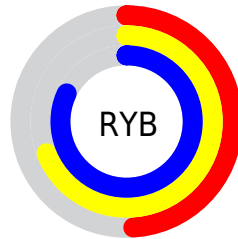
The RYB color **124, 176, 208** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **208, 124, 156**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **180, 224, 255**, and **69, 120, 153** is the 20% darker color. If you saturate the color by 10%, you get **103, 168, 208**, and if you desaturate by 10%, it is **145, 184, 208**.

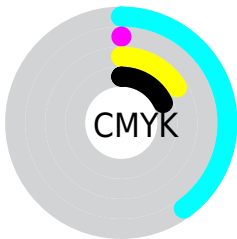
Distribution



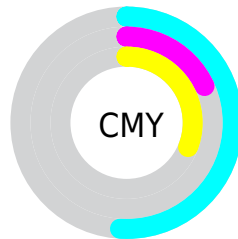
- Red (49%)
- Green (82%)
- Blue (69%)



- Red (49%)
- Yellow (69%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)




- Cyan (51%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 176, 208 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 124, 176, 208 by changing the saturation by 10% instead.


 124, 176, 208


255, 255, 255


 180, 225, 255

 208, 232, 255

 237, 246, 255

 124, 176, 208

 97, 148, 180

 69, 120, 153

 40, 92, 127


 0, 58, 101


 0, 46, 77

 0, 33, 53

 0, 28, 34


 0, 0, 0

 124, 176, 208


 124, 176, 208


 103, 168, 208


 145, 184, 208

 82, 160, 208


 166, 192, 208

 62, 152, 208

 186, 199, 208

 41, 144, 208

 207, 208, 208

 20, 136, 208

 228, 208, 216

 0, 129, 208

 249, 208, 224

 255, 208, 232

 255, 208, 240

 255, 208, 248

Harmonies

Analogous

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



147, 203, 189



124, 176, 208



94, 152, 209

Triad

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



124, 176, 208



176, 187, 252



248, 185, 148

Complementary

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



124, 176, 208



208, 124, 156

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, 169, 176



124, 176, 208



217, 178, 235

Square

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



124, 176, 208



128, 173, 252



245, 170, 208



206, 227, 131

Rectangle

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



124, 176, 208



88, 152, 228



245, 170, 208



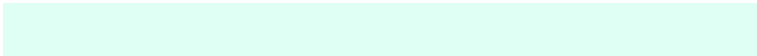
252, 175, 156

Sweetspot

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



124, 176, 208



224, 243, 255



124, 208, 174



110, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 176, 208



133, 209, 255



124, 164, 208



94, 101, 105



0, 104, 168



0, 25, 41

Inverse Universe

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



208, 124, 156



255, 133, 180



208, 133, 124



105, 94, 98



168, 0, 65



41, 0, 16

Previews

White Background



This preview shows how the RYB color 124, 176, 208 looks on a white background.

Color Contrast Check

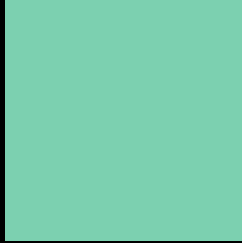
Large Text (above 18pt) WCAG AA × Fail

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 124, 176, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

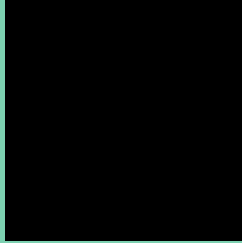
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

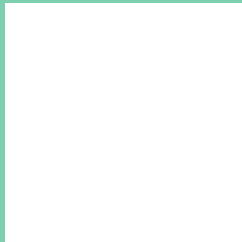
Any Text WCAG AAA ✓ Pass

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

RYB 124, 176, 208 Background



This preview shows how black text looks on a background with the RYB color 124, 176, 208.

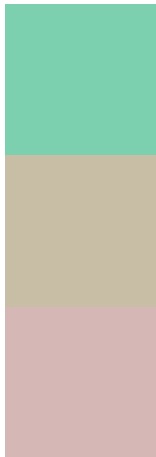


This preview shows how white text looks on a background with the RYB color 124, 176, 208.

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
124, 176, 208

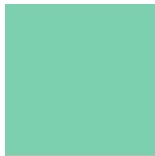
Protanopia
180, 200, 166

Deuteranopia
213, 184, 181



Tritanopia
134, 172, 218

Trichromacy



Original Color

124, 176, 208



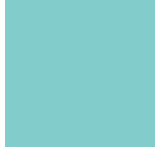
Protanomaly

170, 197, 195



Deuteranomaly

179, 193, 191



Tritanomaly

130, 167, 204

Monochromacy



Original Color

124, 176, 208



Achromatopsia

179, 179, 179



Achromatomaly

159, 178, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 176, 208 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(124, 208, 176)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 176)  
}
```

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(124, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 176) }
```

Border

The CSS property to change the border of an element to RYB 124, 176, 208 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(124, 208, 176) }
```

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

```
.border{ border-color:rgb(124, 208, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 208, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 208, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 208, 176); box-shadow:4px 4px 4px 4px rgb(124, 208, 176) }
```

Background

The CSS property to change the background color of an element to RYB 124, 176, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 176) }
```

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

```
.background{ background-color: rgb(124,  
208, 176) }
```

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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