

Converting Colors

`RYB(136, 175, 208)`

Have a look what the booklet for
RYB(136, 175, 208) contains.

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Color

R_YB(136, 175, 208)

Conversions

Conversions Part 1

Format	Color
Hex	88D0C5
RGB	136, 208, 197
RGB Percent	53%, 82%, 77%
CMY	0.4667, 0.1843, 0.2278
CMYK	0.35, 0.00, 0.05, 0.18
HSL	171°, 43%, 67%
HSV	171°, 35%, 82%
XYZ	42.7784, 54.3737, 61.0176
YIQ	185.2180, -39.3810, -18.6850

Conversions

Conversions Part 2

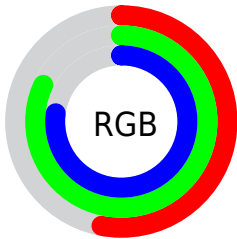
Format	Color
RYB	136, 175, 208
Decimal	8966341
CIELab	78.68, -24.92, -1.65
CIElCh	79, 24.978, 183.789
Yxy	54.3737, 0.2705, 0.3438
Android (android.graphics.Color)	4287156421 (0xFF88D0C5)
YUV	185.2180, 5.8085, -43.1642
Hunter-Lab	73.7385, -25.4879, 2.5553

Details

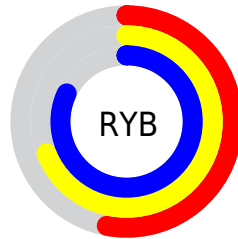
The RYB color **136, 175, 208** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **208, 136, 147**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **192, 224, 255**, and **82, 120, 153** is the 20% darker color. If you saturate the color by 10%, you get **115, 165, 208**, and if you desaturate by 10%, it is **157, 185, 208**.

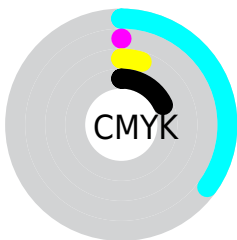
Distribution



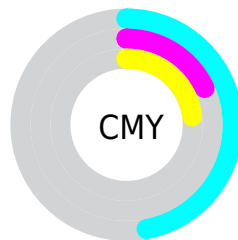
- Red (53%)
- Green (82%)
- Blue (77%)



- Red (53%)
- Yellow (69%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)




- Cyan (47%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 175, 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 136, 175, 208 by changing the saturation by 10% instead.

 136, 175, 208


255, 255, 255


 192, 224, 255

 220, 238, 255

 250, 253, 255

 136, 175, 208

 109, 147, 180


 82, 120, 153

 55, 93, 127

 25, 66, 102

 0, 41, 78

 0, 29, 54

 0, 18, 33

 0, 0, 0

 136, 175, 208

 136, 175, 208

■ 115, 165, 208

■ 157, 185, 208

■ 94, 156, 208

■ 178, 194, 208

■ 74, 147, 208

■ 198, 203, 208

■ 53, 137, 208

■ 219, 208, 210

■ 32, 127, 208

■ 240, 208, 213

■ 11, 118, 208

■ 255, 208, 216

■ 0, 113, 208

■ 255, 208, 219

■ 255, 208, 223

■ 255, 208, 226

Harmonies

Analogous

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



157, 193, 206



136, 175, 208



129, 171, 220

Triad

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



136, 175, 208



202, 188, 233



230, 209, 154

Complementary

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



136, 175, 208



208, 136, 147

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.



241, 182, 170



136, 175, 208



227, 181, 216

Square

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



136, 175, 208



171, 189, 241



241, 178, 193



168, 209, 148

Rectangle

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



136, 175, 208



136, 176, 231



241, 178, 193



235, 197, 158

Sweetspot

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



136, 175, 208



230, 244, 255



136, 208, 196



112, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



136, 175, 208



148, 206, 255



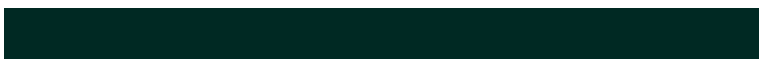
136, 165, 208



94, 100, 105



0, 91, 168



0, 22, 41

Inverse Universe

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



208, 136, 147



255, 148, 164



208, 172, 136



105, 94, 96



168, 0, 26



41, 0, 6

Previews

White Background



This preview shows how the RYB color 136, 175, 208 looks on a white background.

Color Contrast Check

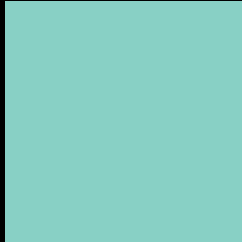
Large Text (above 18pt) WCAG AA × Fail

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 136, 175, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

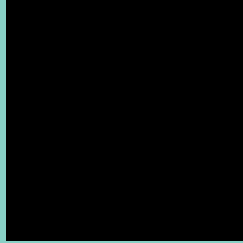
Any Text WCAG AA ✓ Pass

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 136, 175, 208 Background



This preview shows how black text looks on a background with the RYB color 136, 175, 208.

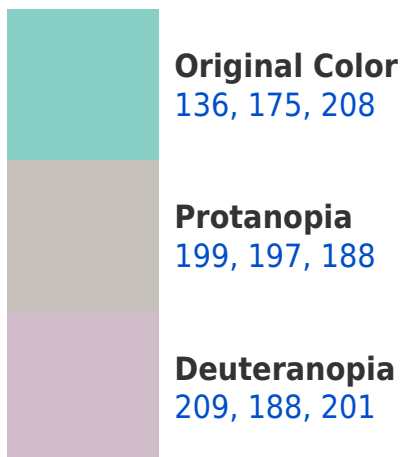


This preview shows how white text looks on a background with the RYB color 136, 175, 208.

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





Tritanopia
142, 177, 221

Trichromacy



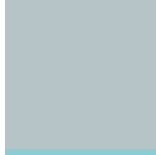
Original Color

136, 175, 208



Protanomaly

176, 189, 198



Deuteranomaly

182, 190, 200



Tritanomaly

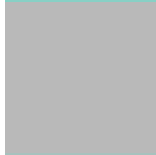
140, 174, 212

Monochromacy



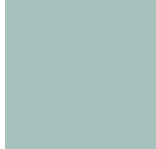
Original Color

136, 175, 208



Achromatopsia

185, 185, 185



Achromatomaly

167, 181, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 175, 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(136, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(136, 208, 197)  
}
```

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(136, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 208, 197) }
```

Border

The CSS property to change the border of an element to RYB 136, 175, 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(136, 208, 197) }
```

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

```
.border{ border-color:rgb(136, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(136, 208,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 136, 175, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 208, 197) }
```

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

```
.background{ background-color: rgb(136,  
208, 197) }
```

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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