

Converting Colors

`RYB(134, 165, 200)`

Have a look what the booklet for
RYB(134, 165, 200) contains.

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Color

$\text{RYB}(134, 165, 200)$

Conversions

Conversions Part 1

Format	Color
Hex	86C0C8
RGB	134, 192, 200
RGB Percent	53%, 75%, 78%
CMY	0.4745, 0.2453, 0.2157
CMYK	0.33, 0.04, 0.00, 0.22
HSL	187°, 37%, 65%
HSV	187°, 33%, 78%
XYZ	39.2070, 47.1388, 61.6759
YIQ	175.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

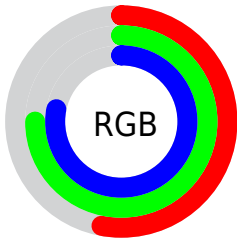
Format	Color
RYB	134, 165, 200
Decimal	8831176
CIELab	74.28, -16.93, -9.83
CIElCh	74, 19.576, 210.138
Yxy	47.1388, 0.2649, 0.3185
Android (android.graphics.Color)	4287021256 (0xFF86C0C8)
YUV	175.5700, 12.0440, -36.4569
Hunter-Lab	68.6577, -18.2185, -5.2004

Details

The RYB color **134, 165, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 143, 134**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **189, 220, 255**, and **81, 111, 146** is the 20% darker color. If you saturate the color by 10%, you get **114, 154, 200**, and if you desaturate by 10%, it is **154, 176, 200**.

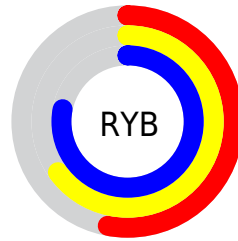
Distribution



Red (53%)

Green (75%)

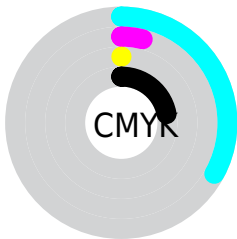
Blue (78%)



Red (53%)

Yellow (65%)

Blue (78%)

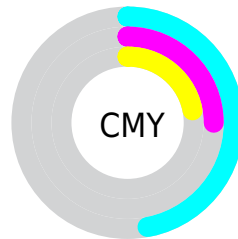


Cyan (33%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 165, 200 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 134, 165, 200 by changing the saturation by 10% instead.


 134, 165, 200


255, 255, 255


 189, 220, 255

 218, 237, 255

 247, 251, 255

 134, 165, 200

 107, 138, 173


 81, 112, 146

 54, 85, 120

 26, 59, 96


 0, 34, 72

 0, 23, 50

 0, 13, 29

 0, 0, 0

 134, 165, 200

 134, 165, 200

■ 114, 154, 200

■ 154, 176, 200

■ 94, 144, 200

■ 174, 186, 200

■ 74, 133, 200

■ 194, 197, 200

■ 54, 122, 200

■ 214, 202, 200

■ 34, 112, 200

■ 234, 205, 200

■ 14, 101, 200

■ 254, 207, 200

■ 0, 94, 200

■ 255, 209, 200

■ 255, 214, 200

■ 255, 217, 200

Harmonies

Analogous

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



140, 170, 193



134, 165, 200



142, 170, 213

Triad

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



134, 165, 200



206, 173, 201



171, 197, 147

Complementary

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



134, 165, 200



200, 143, 134

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.



212, 192, 152



134, 165, 200



218, 170, 183

Square

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



134, 165, 200



186, 178, 214



220, 172, 165



151, 187, 161

Rectangle

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



134, 165, 200



155, 176, 218



220, 172, 165



188, 202, 148

Sweetspot

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



134, 165, 200



230, 242, 255



134, 194, 200



112, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 165, 200



153, 201, 255



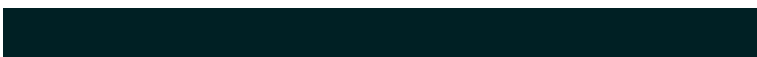
134, 153, 200



90, 94, 99



0, 77, 163



0, 17, 36

Inverse Universe

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



200, 134, 192



255, 153, 243



177, 200, 134



99, 90, 98



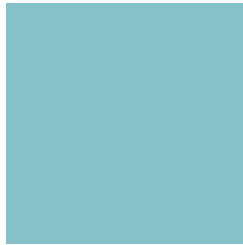
163, 0, 145



36, 0, 32

Previews

White Background



This preview shows how the RYB color 134, 165, 200 looks on a white background.

Color Contrast Check

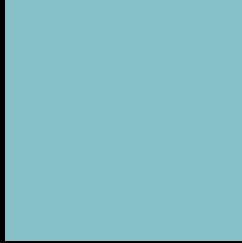
Large Text (above 18pt) WCAG AA × Fail

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 134, 165, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

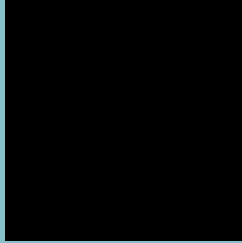
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

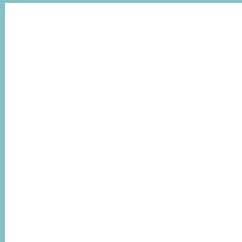
Any Text WCAG AAA ✓ Pass

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

RYB 134, 165, 200 Background



This preview shows how black text looks on a background with the RYB color 134, 165, 200.

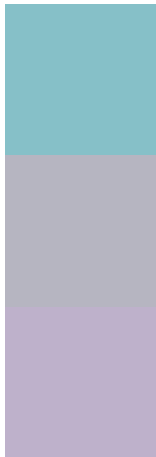


This preview shows how white text looks on a background with the RYB color 134, 165, 200.

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](#).

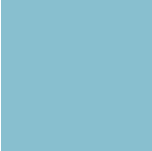
Dichromacy



Original Color
134, 165, 200

Protanopia
182, 181, 193

Deuteranopia
190, 177, 203



Tritanopia
136, 167, 207

Trichromacy



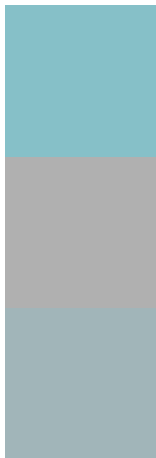
Original Color
134, 165, 200

Protanomaly
165, 177, 196

Deuteranomaly
170, 179, 202

Tritanomaly
135, 166, 204

Monochromacy



Original Color
134, 165, 200

Achromatopsia
176, 176, 176

Achromatomaly
161, 172, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 165, 200 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(134, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(134, 192, 200)  
}
```

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(134, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 192, 200) }
```

Border

The CSS property to change the border of an element to RYB 134, 165, 200 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(134, 192, 200) }
```

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

```
.border{ border-color:rgb(134, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(134, 192,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 134, 165, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 192, 200) }
```

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

```
.background{ background-color: rgb(134,  
192, 200) }
```

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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