

Converting Colors

`RYB(137, 165, 194)`

Have a look what the booklet for RYB(137, 165, 194) contains.

RYB(137, 165, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(137, 165, 194)`

Conversions

Conversions Part 1

Format	Color
Hex	89C0C2
RGB	137, 192, 194
RGB Percent	54%, 75%, 76%
CMY	0.4627, 0.2469, 0.2392
CMYK	0.29, 0.01, 0.00, 0.24
HSL	182°, 32%, 65%
HSV	182°, 29%, 76%
XYZ	38.9113, 46.9278, 58.0461
YIQ	175.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

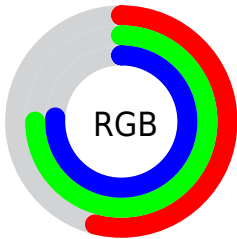
Format	Color
R _Y B	137, 165, 194
Decimal	9027778
CIE Lab	74.14, -17.29, -6.75
CIE LCh	74, 18.557, 201.327
Yxy	46.9278, 0.2704, 0.3261
Android (android.graphics.Color)	4287217858 (0xFF89C0C2)
YUV	175.7830, 8.9810, -34.0127
Hunter-Lab	68.5039, -18.4908, -2.2861

Details

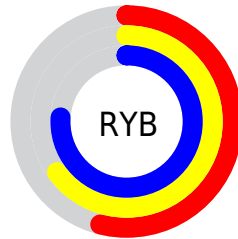
The RYB color **137, 165, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 139, 137**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **192, 221, 250**, and **84, 111, 140** is the 20% darker color. If you saturate the color by 10%, you get **118, 155, 194**, and if you desaturate by 10%, it is **156, 175, 194**.

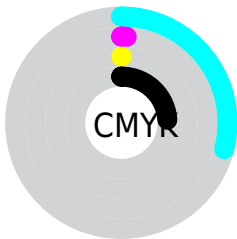
Distribution



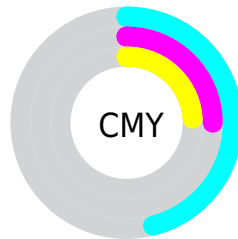
- Red (54%)
- Green (75%)
- Blue (76%)



- Red (54%)
- Yellow (65%)
- Blue (76%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (46%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 165, 194 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 137, 165, 194 by changing the saturation by 10% instead.

 137, 165, 194


255, 255, 255


 192, 221, 250

 220, 238, 255

 249, 252, 255

 137, 165, 194

 110, 138, 167


 84, 111, 140

 59, 86, 115


 32, 60, 90


 0, 33, 67

 0, 22, 45

 0, 12, 24


 0, 0, 0

 137, 165, 194


 137, 165, 194

 118, 155, 194


 156, 175, 194

 98, 145, 194


 176, 185, 194

 79, 135, 194


 195, 194, 194

 59, 125, 194


 215, 195, 194

 40, 116, 194

 234, 195, 194

 21, 106, 194

 253, 196, 194

 1, 96, 194

 255, 197, 194

 0, 95, 194

 255, 198, 194

Harmonies

Analogous

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



146, 173, 192



137, 165, 194



141, 169, 208

Triad

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



137, 165, 194



200, 174, 204



185, 200, 149

Complementary

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



137, 165, 194



194, 139, 137

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.



213, 182, 156



137, 165, 194



214, 171, 188

Square

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



137, 165, 194



179, 180, 214



218, 171, 171



150, 185, 152

Rectangle

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



137, 165, 194



151, 174, 214



218, 171, 171



203, 205, 150

Sweetspot

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



137, 165, 194



230, 241, 252



137, 192, 194



113, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 165, 194



164, 207, 252



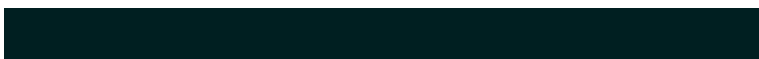
137, 155, 194



87, 92, 97



0, 79, 161



0, 16, 33

Inverse Universe

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



194, 137, 192



252, 164, 249



188, 194, 137



97, 87, 97



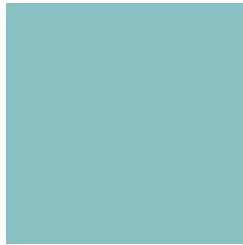
161, 0, 155



33, 0, 32

Previews

White Background



This preview shows how the RYB color 137, 165, 194 looks on a white background.

Color Contrast Check

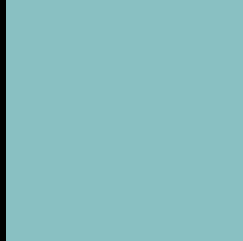
Large Text (above 18pt) WCAG AA × Fail

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 137, 165, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

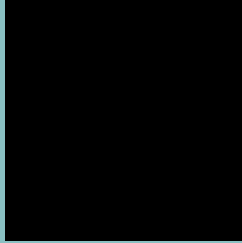
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

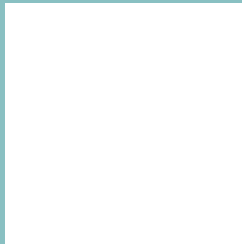
Any Text WCAG AAA ✓ Pass

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

RYB 137, 165, 194 Background



This preview shows how black text looks on a background with the RYB color 137, 165, 194.

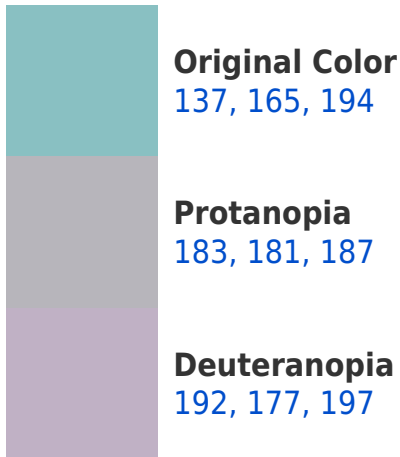


This preview shows how white text looks on a background with the RYB color 137, 165, 194.

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

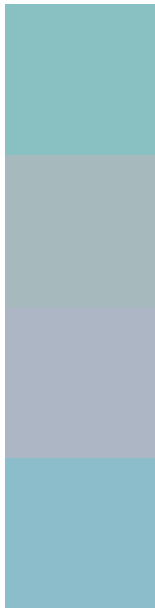




Tritanopia

140, 168, 206

Trichromacy



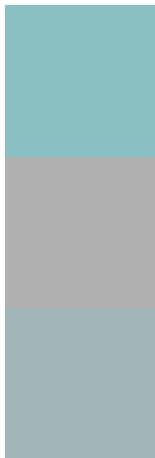
Original Color
137, 165, 194

Protanomaly
166, 177, 190

Deuteranomaly
172, 179, 196

Tritanomaly
139, 167, 202

Monochromacy



Original Color
137, 165, 194

Achromatopsia
176, 176, 176

Achromatomaly
162, 172, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 165, 194 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(137, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(137, 192, 194)  
}
```

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(137, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 192, 194) }
```

Border

The CSS property to change the border of an element to RYB 137, 165, 194 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(137, 192, 194) }
```

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

```
.border{ border-color:rgb(137, 192, 194) }
```

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

Here you see how a box with a 4 pixel rgb(137, 192, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(137, 192,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 137, 165, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 192, 194) }
```

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

```
.background{ background-color: rgb(137,  
192, 194) }
```

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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