

Converting Colors

`RYB(137, 168, 194)`

Have a look what the booklet for
RYB(137, 168, 194) contains.

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Color

R_YB(137, 168, 194)

Conversions

Conversions Part 1

Format	Color
Hex	89C2B9
RGB	137, 194, 185
RGB Percent	54%, 76%, 73%
CMY	0.4627, 0.2392, 0.2753
CMYK	0.29, 0.00, 0.05, 0.24
HSL	170°, 32%, 65%
HSV	170°, 29%, 76%
XYZ	38.3448, 47.3966, 52.9193
YIQ	175.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

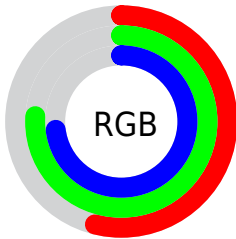
Format	Color
RYB	137, 168, 194
Decimal	9028281
CIELab	74.44, -20.39, -1.31
CIELCh	74, 20.428, 183.679
Yxy	47.3966, 0.2765, 0.3418
Android (android.graphics.Color)	4287218361 (0xFF89C2B9)
YUV	175.9310, 4.4710, -34.1425
Hunter-Lab	68.8452, -21.0595, 2.6170

Details

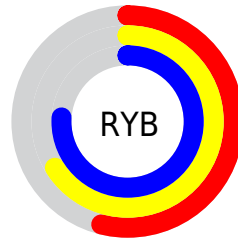
The RYB color **137, 168, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 137, 146**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **192, 224, 251**, and **85, 115, 140** is the 20% darker color. If you saturate the color by 10%, you get **118, 159, 194**, and if you desaturate by 10%, it is **156, 177, 194**.

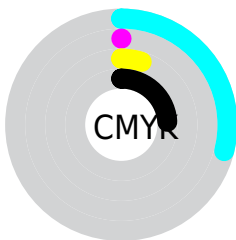
Distribution



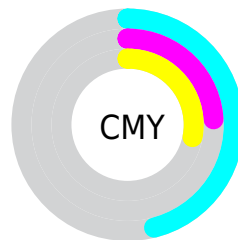
- Red (54%)
- Green (76%)
- Blue (73%)



- Red (54%)
- Yellow (66%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)




- Cyan (46%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 168, 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, 168, 194 by changing the saturation by 10% instead.


 137, 168, 194


255, 255, 255


 192, 224, 251

 220, 238, 255

 249, 252, 255

 137, 168, 194

 111, 141, 167

 85, 115, 140

 59, 89, 115

 33, 63, 90

 1, 35, 66

 0, 24, 44

 0, 15, 25


 0, 0, 0


 137, 168, 194


 137, 168, 194

 118, 159, 194


 156, 177, 194

 98, 150, 194


 176, 186, 194

 79, 142, 194


 195, 194, 194

 59, 132, 194

 215, 194, 197

 40, 124, 194

 234, 194, 200

 21, 115, 194

 253, 194, 204

 1, 106, 194

 255, 194, 207

 0, 105, 194

 255, 194, 210

 255, 194, 213

Harmonies

Analogous

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



153, 182, 192



137, 168, 194



132, 165, 203

Triad

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



137, 168, 194



189, 178, 214



212, 195, 150

Complementary

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



137, 168, 194



194, 137, 146

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.



221, 174, 163



137, 168, 194



210, 172, 200

Square

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



137, 168, 194



165, 179, 220



221, 170, 181



162, 195, 146

Rectangle

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



137, 168, 194



137, 169, 213



221, 170, 181



216, 186, 154

Sweetspot

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



137, 168, 194



230, 242, 252



137, 194, 184



113, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 168, 194



164, 212, 252



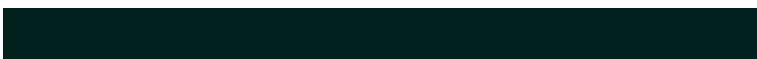
137, 160, 194



87, 93, 97



0, 88, 161



0, 18, 33

Inverse Universe

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



194, 137, 146



252, 164, 178



194, 166, 137



97, 87, 89



161, 0, 26



33, 0, 5

Previews

White Background



This preview shows how the RYB color 137, 168, 194 looks on a white background.

Color Contrast Check

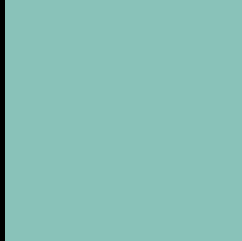
Large Text (above 18pt) WCAG AA × Fail

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, 168, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

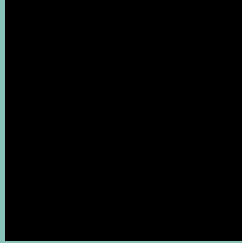
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

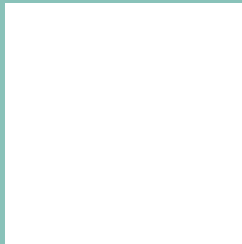
Any Text WCAG AAA ✓ Pass

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

RYB 137, 168, 194 Background



This preview shows how black text looks on a background with the RYB color 137, 168, 194.



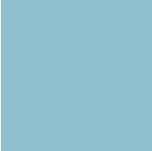
This preview shows how white text looks on a background with the RYB color 137, 168, 194.

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
142, 170, 206

Trichromacy



Original Color
137, 168, 194

Protanomaly
169, 179, 186

Deuteranomaly
175, 180, 187

Tritanomaly
140, 167, 198

Monochromacy



Original Color
137, 168, 194

Achromatopsia
176, 176, 176

Achromatomaly
162, 174, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 168, 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, 194, 185)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 185)  
}
```

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, 194, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 185) }
```

Border

The CSS property to change the border of an element to RYB 137, 168, 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, 194, 185) }
```

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

```
.border{ border-color:rgb(137, 194, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 194, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 194, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 194, 185); box-shadow:4px 4px 4px 4px rgb(137, 194, 185) }
```

Background

The CSS property to change the background color of an element to RYB 137, 168, 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, 194, 185) }
```

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

```
.background{ background-color: rgb(137,  
194, 185) }
```

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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