

Converting Colors

`RYB(184, 193, 204)`

Have a look what the booklet for
RYB(184, 193, 204) contains.

RYB(184, 193, 204)	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

R_YB(184, 193, 204)

Conversions

Conversions Part 1

Format	Color
Hex	B8C8CC
RGB	184, 200, 204
RGB Percent	72%, 78%, 80%
CMY	0.2784, 0.2143, 0.2000
CMYK	0.10, 0.02, 0.00, 0.20
HSL	191°, 16%, 76%
HSV	191°, 10%, 80%
XYZ	51.4048, 56.0272, 65.2317
YIQ	195.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

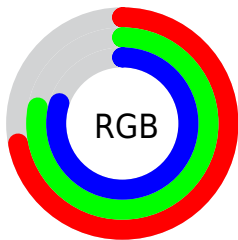
Format	Color
RYB	184, 193, 204
Decimal	12110028
CIELab	79.63, -4.82, -3.72
CIELCh	80, 6.093, 217.676
Yxy	56.0272, 0.2977, 0.3245
Android (android.graphics.Color)	4290300108 (0xFFB8C8CC)
YUV	195.6720, 4.1057, -10.2363
Hunter-Lab	74.8513, -8.4032, 0.7256

Details

The RYB color **184, 193, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 189, 184**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **240, 248, 255**, and **131, 139, 150** is the 20% darker color. If you saturate the color by 10%, you get **164, 182, 204**, and if you desaturate by 10%, it is **204, 204, 204**.

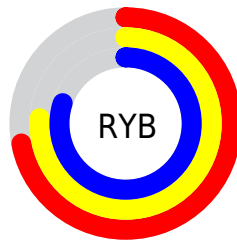
Distribution



Red (72%)

Green (78%)

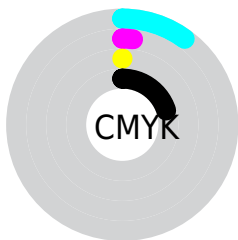
Blue (80%)



Red (72%)

Yellow (76%)

Blue (80%)

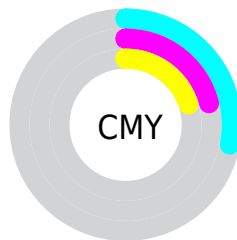


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (28%)


Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 193, 204 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 184, 193, 204 by changing the saturation by 10% instead.


 184, 193, 204

255, 255, 255


 240, 248, 255

 184, 193, 204

 157, 166, 177

 131, 139, 150

 106, 114, 124

 81, 89, 99


 58, 66, 75


 36, 44, 53


 16, 23, 32

 0, 0, 8

 0, 0, 0

 184, 193, 204

 184, 193, 204

 164, 182, 204


 204, 204, 204

 143, 170, 204


 225, 209, 204

 123, 159, 204


 245, 212, 204

 102, 148, 204


 255, 218, 204

 82, 137, 204

 255, 225, 204

 62, 126, 204

 255, 234, 204

 41, 114, 204

 255, 243, 204

 21, 103, 204

 253, 255, 204

 0, 92, 204

 240, 255, 204

Harmonies

Analogous

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



184, 193, 201



184, 193, 204



187, 195, 208

Triad

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



184, 193, 204



206, 194, 202



191, 201, 186

Complementary

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



184, 193, 204



204, 189, 184

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.



206, 204, 187



184, 193, 204



210, 194, 196

Square

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



184, 193, 204



200, 195, 206



210, 195, 191



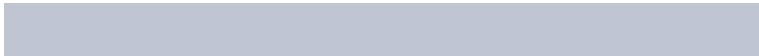
188, 199, 193

Rectangle

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



184, 193, 204



191, 196, 209



210, 195, 191



195, 203, 186

Sweetspot

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



184, 193, 204



247, 251, 255



184, 201, 204



122, 125, 128



0, 0, 0



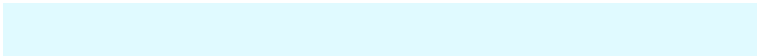
128, 128, 128

Same Dimension

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



184, 193, 204



224, 238, 255



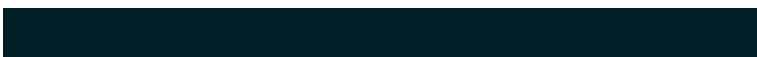
184, 189, 204



92, 96, 102



0, 75, 166



0, 17, 38

Inverse Universe

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



204, 184, 200



255, 224, 249



195, 204, 184



102, 92, 100



166, 0, 136



38, 0, 31

Previews

White Background



This preview shows how the RYB color 184, 193, 204 looks on a white background.

Color Contrast Check

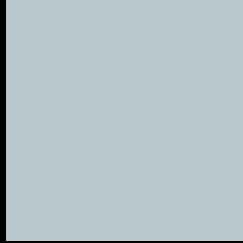
Large Text (above 18pt) WCAG AA × Fail

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 184, 193, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

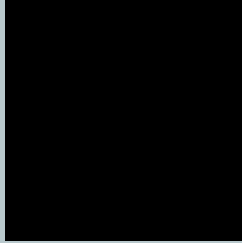
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

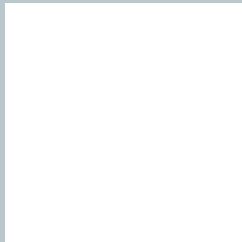
Any Text WCAG AAA ✓ Pass

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

RYB 184, 193, 204 Background



This preview shows how black text looks on a background with the RYB color 184, 193, 204.



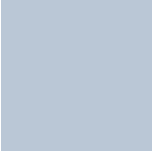
This preview shows how white text looks on a background with the RYB color 184, 193, 204.

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
186, 195, 214

Trichromacy



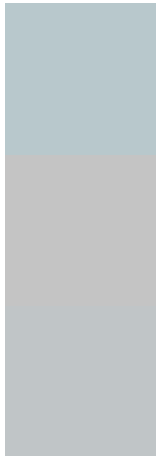
Original Color
184, 193, 204

Protanomaly
194, 197, 202

Deuteranomaly
202, 194, 205

Tritanomaly
185, 194, 210

Monochromacy



Original Color
184, 193, 204

Achromatopsia
196, 196, 196

Achromatomaly
192, 195, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 193, 204 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(184, 200, 204) looks like.

```
.text, #text, p{  
    color:rgb(184, 200, 204)  
}
```

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(184, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 204) }
```

Border

The CSS property to change the border of an element to RYB 184, 193, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

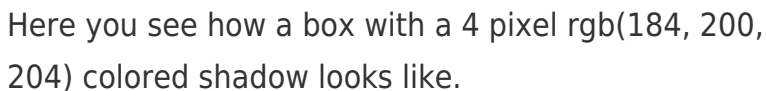
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 200, 204) }
```

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

```
.border{ border-color:rgb(184, 200, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 200, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 200, 204); box-shadow:4px 4px 4px 4px rgb(184, 200, 204) }
```

Background

The CSS property to change the background color of an element to RYB 184, 193, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 200, 204) }
```

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

```
.background{ background-color: rgb(184,  
200, 204) }
```

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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