

Converting Colors

`RYB(186, 196, 200)`

Have a look what the booklet for
RYB(186, 196, 200) contains.

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Color

R_YB(186, 196, 200)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8C0
RGB	186, 200, 192
RGB Percent	73%, 78%, 75%
CMY	0.2706, 0.2157, 0.2486
CMYK	0.07, 0.00, 0.04, 0.22
HSL	144°, 11%, 76%
HSV	144°, 7%, 78%
XYZ	50.3741, 55.5357, 57.7016
YIQ	194.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

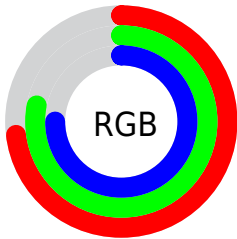
Format	Color
RYB	186, 196, 200
Decimal	12241088
CIELab	79.35, -6.35, 2.55
CIELCh	79, 6.846, 158.159
Yxy	55.5357, 0.3079, 0.3394
Android (android.graphics.Color)	4290431168 (0xFFBAC8C0)
YUV	194.9020, -1.4307, -7.8071
Hunter-Lab	74.5223, -9.7550, 6.2582

Details

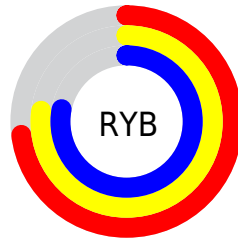
The RYB color **186, 196, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 186, 194**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **242, 251, 255**, and **133, 142, 146** is the 20% darker color. If you saturate the color by 10%, you get **166, 190, 200**, and if you desaturate by 10%, it is **206, 200, 204**.

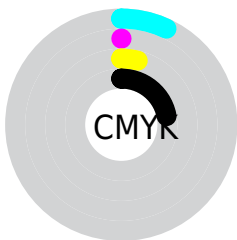
Distribution



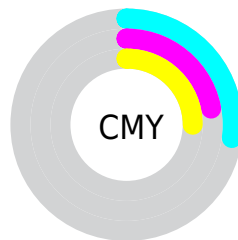
- Red (73%)
- Green (78%)
- Blue (75%)



- Red (73%)
- Yellow (77%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 186, 196, 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 186, 196, 200 by changing the saturation by 10% instead.

 186, 196, 200

255, 255, 255


 242, 251, 255

 186, 196, 200

 159, 169, 173


 133, 142, 146

 108, 116, 120

 83, 92, 96


 60, 68, 72

 38, 46, 49

 18, 25, 28


 0, 0, 0

 186, 196, 200


 186, 196, 200

 166, 190, 200

 206, 200, 204

 146, 184, 200


 226, 200, 216

 126, 179, 200


 246, 200, 228

 106, 173, 200


 255, 200, 240


 86, 167, 200

 255, 200, 252

 66, 162, 200

 255, 200, 255

 46, 156, 200

 26, 150, 200

 6, 144, 200

Harmonies

Analogous

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



186, 199, 192



186, 196, 200



182, 192, 200

Triad

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



186, 196, 200



192, 195, 209



210, 194, 189

Complementary

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



186, 196, 200



200, 186, 194

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.



210, 192, 195



186, 196, 200



200, 194, 207

Square

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



186, 196, 200



185, 193, 208



207, 193, 201



207, 203, 185

Rectangle

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



186, 196, 200



181, 191, 202



207, 193, 201



211, 193, 191

Sweetspot

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



186, 196, 200



250, 254, 255



186, 200, 192



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 196, 200



235, 249, 255



186, 193, 200



90, 97, 99



0, 117, 163



0, 26, 36

Inverse Universe

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



200, 186, 194



255, 235, 247



200, 186, 187



99, 90, 95



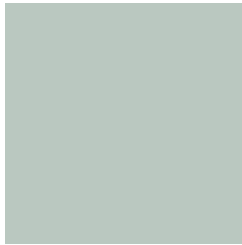
163, 0, 98



36, 0, 21

Previews

White Background



This preview shows how the RYB color 186, 196, 200 looks on a white background.

Color Contrast Check

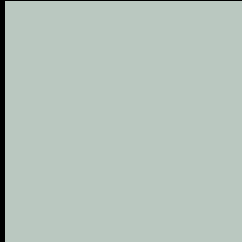
Large Text (above 18pt) WCAG AA × Fail

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 186, 196, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

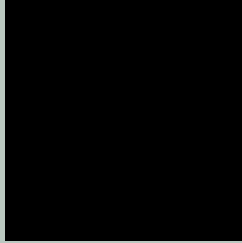
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

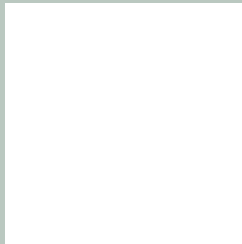
Any Text WCAG AAA ✓ Pass

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

RYB 186, 196, 200 Background



This preview shows how black text looks on a background with the RYB color 186, 196, 200.



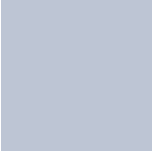
This preview shows how white text looks on a background with the RYB color 186, 196, 200.

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





Tritanopia
189, 195, 212

Trichromacy



Original Color

186, 196, 200

Protanomaly

190, 197, 191

Deuteranomaly

205, 194, 193

Tritanomaly

188, 194, 205

Monochromacy



Original Color

186, 196, 200

Achromatopsia

195, 195, 195

Achromatomaly

192, 196, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 196, 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(186, 200, 192)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 192)  
}
```

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(186, 200, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 192) }
```

Border

The CSS property to change the border of an element to RYB 186, 196, 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(186, 200, 192) }
```

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

```
.border{ border-color:rgb(186, 200, 192) }
```

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

Here you see how a box with a 4 pixel rgb(186, 200, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 186, 196, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 192) }
```

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

```
.background{ background-color: rgb(186,  
200, 192) }
```

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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