

Converting Colors

`RYB(182, 199, 206)`

Have a look what the booklet for
RYB(182, 199, 206) contains.

RYB(182, 199, 206)	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(182, 199, 206)

Conversions

Conversions Part 1

Format	Color
Hex	B6CEC0
RGB	182, 206, 192
RGB Percent	71%, 81%, 75%
CMY	0.2863, 0.1922, 0.2475
CMYK	0.12, 0.00, 0.07, 0.19
HSL	145°, 20%, 76%
HSV	145°, 12%, 81%
XYZ	50.8641, 57.8883, 58.2936
YIQ	197.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

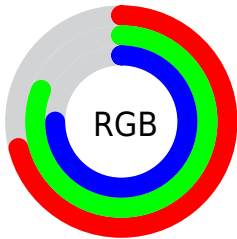
Format	Color
RYB	182, 199, 206
Decimal	11980480
CIELab	80.68, -10.77, 4.28
CIElCh	81, 11.591, 158.306
Yxy	57.8883, 0.3045, 0.3465
Android (android.graphics.Color)	4290170560 (0xFFB6CEC0)
YUV	197.2280, -2.5774, -13.3550
Hunter-Lab	76.0843, -13.8163, 7.8328

Details

The RYB color **182, 199, 206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206, 182, 196**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **238, 249, 255**, and **129, 145, 152** is the 20% darker color. If you saturate the color by 10%, you get **161, 193, 206**, and if you desaturate by 10%, it is **203, 205, 206**.

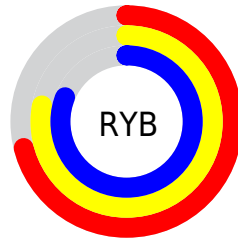
Distribution



Red (71%)

Green (81%)

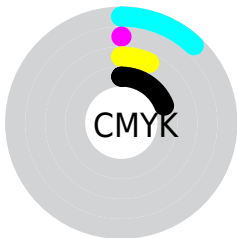
Blue (75%)



Red (71%)

Yellow (78%)

Blue (81%)

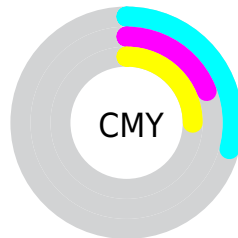


Cyan (12%)

Magenta (0%)

Yellow (7%)

Black (19%)



Cyan (29%)

Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 199, 206 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 182, 199, 206 by changing the saturation by 10% instead.

■ 182, 199, 206

255, 255, 255

■ 238, 249, 255

■ 182, 199, 206

■ 155, 171, 178

■ 129, 146, 152

■ 104, 120, 126

■ 79, 94, 101

■ 56, 71, 77

■ 34, 48, 54


■ 14, 27, 33

■ 0, 5, 5


■ 0, 0, 0

 182, 199, 206


 182, 199, 206

 161, 193, 206


 203, 205, 206

 141, 187, 206


 223, 206, 216

 120, 181, 206


 244, 206, 228

 100, 175, 206


 255, 206, 240


 79, 169, 206

 255, 206, 252

 58, 163, 206

 255, 206, 255

 38, 157, 206

 17, 151, 206

 0, 146, 206

Harmonies

Analogous

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



183, 204, 193



182, 199, 206



175, 192, 207

Triad

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



182, 199, 206



193, 199, 221



223, 196, 187

Complementary

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



182, 199, 206



206, 182, 196

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.



223, 193, 197



182, 199, 206



206, 197, 217

Square

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



182, 199, 206



181, 195, 220



217, 194, 208



217, 211, 180

Rectangle

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



182, 199, 206



173, 190, 210



217, 194, 208



224, 193, 190

Sweetspot

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



182, 199, 206



247, 252, 255



182, 206, 192



122, 126, 128



0, 0, 0



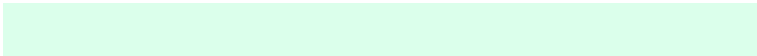
128, 128, 128

Same Dimension

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



182, 199, 206



219, 244, 255



182, 195, 206



92, 99, 102



0, 118, 166



0, 27, 38

Inverse Universe

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



206, 182, 196



255, 219, 240



206, 182, 184



102, 92, 98



166, 0, 98



38, 0, 23

Previews

White Background



This preview shows how the RYB color 182, 199, 206 looks on a white background.

Color Contrast Check

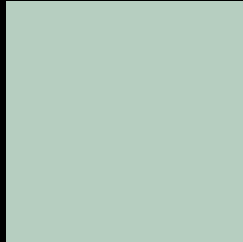
Large Text (above 18pt) WCAG AA × Fail

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 182, 199, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

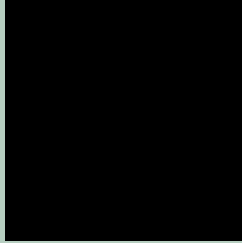
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

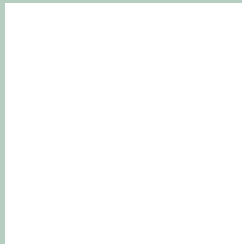
Any Text WCAG AAA ✓ Pass

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

R/Y/B 182, 199, 206 Background



This preview shows how black text looks on a background with the R/Y/B color 182, 199, 206.



This preview shows how white text looks on a background with the R/Y/B color 182, 199, 206.

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](#).

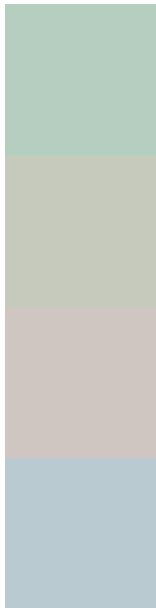
Dichromacy





Tritanopia
186, 197, 218

Trichromacy



Original Color

182, 199, 206

Protanomaly

189, 202, 194

Deuteranomaly

207, 201, 193

Tritanomaly

185, 195, 209

Monochromacy



Original Color

182, 199, 206

Achromatopsia

197, 197, 197

Achromatomaly

192, 198, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 199, 206 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(182, 206, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 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(182, 206, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 192) }
```

Border

The CSS property to change the border of an element to RYB 182, 199, 206 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(182, 206, 192) }
```

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

```
.border{ border-color:rgb(182, 206, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 206, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 206, 192); box-shadow:4px 4px 4px 4px rgb(182, 206, 192) }
```

Background

The CSS property to change the background color of an element to RYB 182, 199, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 192) }
```

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

```
.background{ background-color: rgb(182,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor