

Converting Colors

`RYB(186, 205, 222)`

Have a look what the booklet for
RYB(186, 205, 222) contains.

RYB(186, 205, 222)	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(186, 205, 222)

Conversions

Conversions Part 1

Format	Color
Hex	BADEDA
RGB	186, 222, 218
RGB Percent	73%, 87%, 85%
CMY	0.2706, 0.1294, 0.1443
CMYK	0.16, 0.00, 0.02, 0.13
HSL	174°, 35%, 80%
HSV	174°, 16%, 87%
XYZ	59.0534, 67.7546, 76.4397
YIQ	210.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

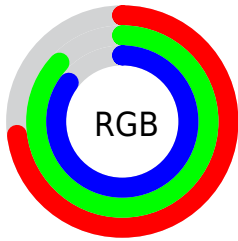
Format	Color
R _{YB}	186, 205, 222
Decimal	12246746
CIE Lab	85.88, -12.50, -2.09
CIE LCh	86, 12.677, 189.496
Yxy	67.7546, 0.2905, 0.3334
Android (android.graphics.Color)	4290436826 (0xFFBADEDA)
YUV	210.7800, 3.5595, -21.7321
Hunter-Lab	82.3132, -15.9880, 2.5599

Details

The RYB color **186, 205, 222** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **222, 186, 190**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **242, 249, 255**, and **132, 151, 167** is the 20% darker color. If you saturate the color by 10%, you get **164, 195, 222**, and if you desaturate by 10%, it is **208, 215, 222**.

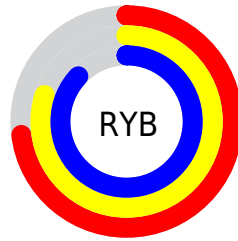
Distribution



Red (73%)

Green (87%)

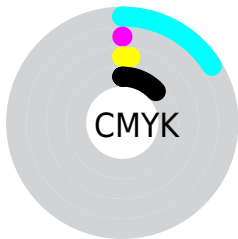
Blue (85%)



Red (73%)

Yellow (80%)

Blue (87%)

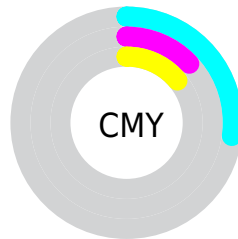


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 205, 222 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, 205, 222 by changing the saturation by 10% instead.

■ 186, 205, 222

255, 255, 255

■ 242, 249, 255

■ 186, 205, 222

■ 159, 178, 194

■ 132, 151, 167

■ 107, 124, 140

■ 82, 99, 115

■ 58, 75, 90

■ 35, 52, 67


■ 12, 29, 44

■ 0, 13, 25


■ 0, 0, 0

 186, 205, 222

 186, 205, 222

 164, 195, 222


 208, 215, 222

 142, 184, 222


 230, 222, 223

 119, 173, 222


 253, 222, 225

 97, 163, 222


 255, 222, 228

 75, 152, 222

 255, 222, 230

 53, 142, 222


 255, 222, 232

 31, 132, 222

 255, 222, 235

 8, 121, 222

 255, 222, 237

 0, 117, 222

 255, 222, 239

Harmonies

Analogous

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



194, 213, 221



186, 205, 222



186, 205, 230

Triad

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



186, 205, 222



222, 211, 233



233, 226, 193

Complementary

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



186, 205, 222



222, 186, 190

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.



240, 210, 200



186, 205, 222



234, 208, 223

Square

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



186, 205, 222



207, 213, 238



240, 207, 211



199, 221, 191

Rectangle

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



186, 205, 222



190, 208, 235



240, 207, 211



236, 220, 194

Sweetspot

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



186, 205, 222



242, 249, 255



186, 222, 218



120, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 205, 222



207, 232, 255



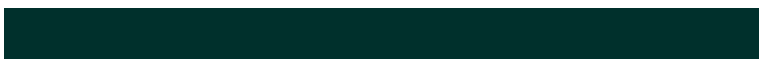
186, 200, 222



101, 107, 112



0, 93, 176



0, 25, 48

Inverse Universe

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



222, 186, 190



255, 207, 212



222, 209, 186



112, 101, 102



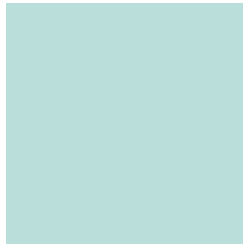
176, 0, 19



48, 0, 5

Previews

White Background



This preview shows how the RYB color 186, 205, 222 looks on a white background.

Color Contrast Check

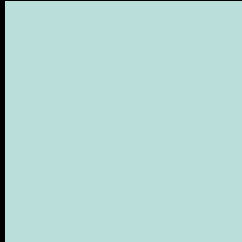
Large Text (above 18pt) WCAG AA × Fail

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, 205, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

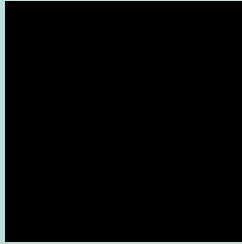
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

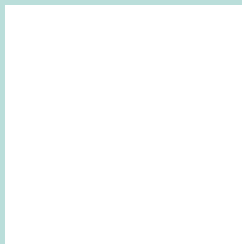
Any Text WCAG AAA ✓ Pass

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

RYP 186, 205, 222 Background



This preview shows how black text looks on a background with the RYB color 186, 205, 222.



This preview shows how white text looks on a background with the RYB color 186, 205, 222.

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](#).

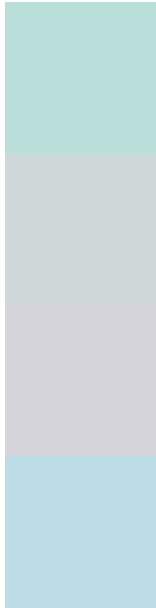
Dichromacy





Tritanopia
189, 207, 237

Trichromacy



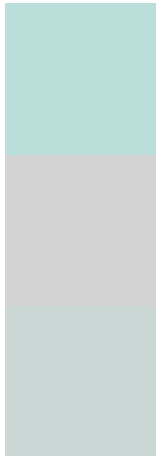
Original Color
186, 205, 222

Protanomaly
206, 211, 216

Deuteranomaly
215, 213, 220

Tritanomaly
188, 206, 230

Monochromacy



Original Color
186, 205, 222

Achromatopsia
211, 211, 211

Achromatomaly
202, 209, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 205, 222 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, 222, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 218)  
}
```

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, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 218) }
```

Border

The CSS property to change the border of an element to RYB 186, 205, 222 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, 222, 218) }
```

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

```
.border{ border-color:rgb(186, 222, 218) }
```

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

Here you see how a box with a 4 pixel rgb(186, 222, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 186, 205, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 218) }
```

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

```
.background{ background-color: rgb(186,  
222, 218) }
```

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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