

Converting Colors

`RYB(190, 218, 220)`

Have a look what the booklet for
RYB(190, 218, 220) contains.

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Color

R_YB(190, 218, 220)

Conversions

Conversions Part 1

Format	Color
Hex	BEDCC0
RGB	190, 220, 192
RGB Percent	75%, 86%, 75%
CMY	0.2549, 0.1373, 0.2465
CMYK	0.14, 0.00, 0.13, 0.14
HSL	124°, 30%, 80%
HSV	124°, 14%, 86%
XYZ	56.3587, 65.9457, 59.7106
YIQ	207.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

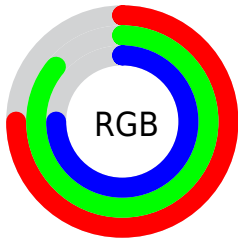
Format	Color
RYB	190, 218, 220
Decimal	12508352
CIELab	84.97, -15.15, 10.38
CIELCh	85, 18.365, 145.585
Yxy	65.9457, 0.3096, 0.3623
Android (android.graphics.Color)	4290698432 (0xFFBEDCC0)
YUV	207.8380, -7.8081, -15.6439
Hunter-Lab	81.2069, -18.2308, 13.2496

Details

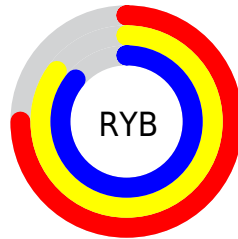
The RYB color **190, 218, 220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **220, 190, 218**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **246, 253, 255**, and **136, 162, 165** is the 20% darker color. If you saturate the color by 10%, you get **168, 216, 220**, and if you desaturate by 10%, it is **212, 219, 220**.

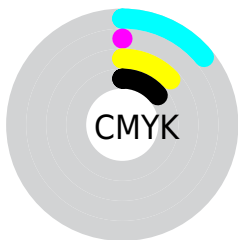
Distribution



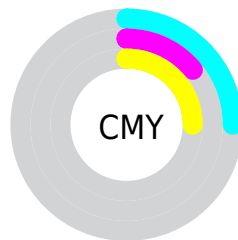
- Red (75%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 218, 220 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 190, 218, 220 by changing the saturation by 10% instead.

 190, 218, 220


255, 255, 255


 246, 253, 255

 190, 218, 220

 163, 190, 192

 136, 162, 165

 111, 137, 139

 86, 110, 113

 62, 85, 88

 40, 62, 65

 18, 40, 43

 0, 23, 23

 0, 0, 0

 190, 218, 220

 190, 218, 220

 168, 216, 220

 212, 219, 220

 146, 215, 220

 234, 220, 233

 124, 213, 220

 255, 220, 253

 102, 213, 220

 255, 220, 255

 80, 211, 220

 58, 209, 220

 36, 208, 220

 14, 206, 220

 0, 205, 220

Harmonies

Analogous

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



181, 216, 187



190, 218, 220



174, 202, 222

Triad

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



190, 218, 220



190, 207, 246



249, 201, 198

Complementary

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



190, 218, 220



220, 190, 218

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.



246, 200, 215



190, 218, 220



212, 209, 243

Square

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



190, 218, 220



173, 200, 240



233, 203, 232



243, 217, 184

Rectangle

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



190, 218, 220



168, 195, 222



233, 203, 232



249, 200, 204

Sweetspot

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



190, 218, 220



245, 254, 255



190, 220, 192



121, 127, 128



0, 0, 0



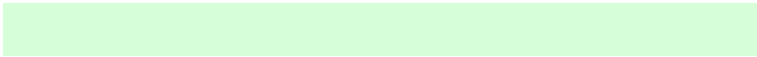
128, 128, 128

Same Dimension

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



190, 218, 220



214, 252, 255



190, 209, 220



99, 110, 110



0, 162, 173



0, 43, 46

Inverse Universe

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



220, 190, 218



255, 214, 252



220, 190, 203



110, 99, 109



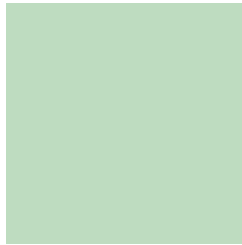
173, 0, 161



46, 0, 43

Previews

White Background



This preview shows how the RYB color 190, 218, 220 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 190, 218, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

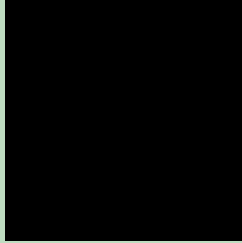
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

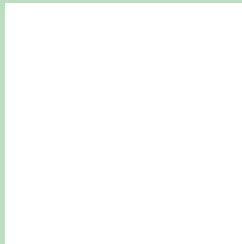
Any Text WCAG AAA ✓ Pass

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

RYB 190, 218, 220 Background



This preview shows how black text looks on a background with the RYB color 190, 218, 220.

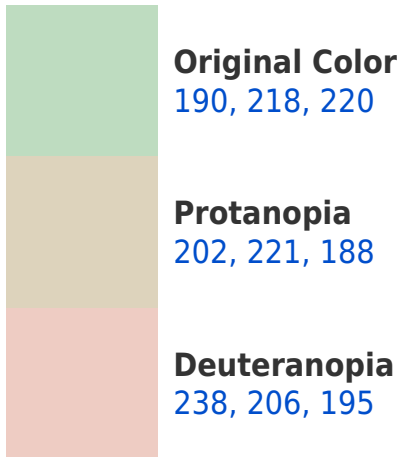


This preview shows how white text looks on a background with the RYB color 190, 218, 220.

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](#).

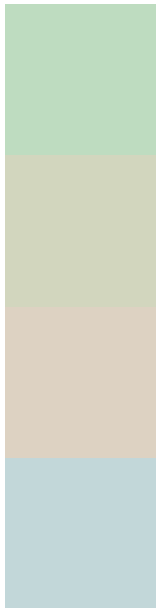
Dichromacy





Tritanopia
197, 208, 231

Trichromacy



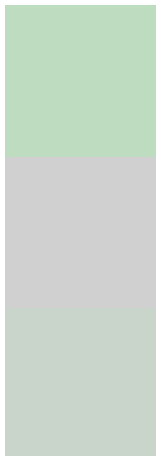
Original Color
190, 218, 220

Protanomaly
190, 214, 194

Deuteranomaly
213, 221, 194

Tritanomaly
194, 205, 217

Monochromacy



Original Color
190, 218, 220

Achromatopsia
208, 208, 208

Achromatomaly
201, 211, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 218, 220 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(190, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 220, 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(190, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 220, 192) }
```

Border

The CSS property to change the border of an element to RYB 190, 218, 220 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(190, 220, 192) }
```

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

```
.border{ border-color:rgb(190, 220, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 220, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 220,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 190, 218, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 220, 192) }
```

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

```
.background{ background-color: rgb(190,  
220, 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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