

Converting Colors

`RYB(195, 222, 218)`

Have a look what the booklet for
RYB(195, 222, 218) contains.

RYB(195, 222, 218)	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(195, 222, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C7DEC3
RGB	199, 222, 195
RGB Percent	78%, 87%, 76%
CMY	0.2196, 0.1294, 0.2353
CMYK	0.10, 0.00, 0.12, 0.13
HSL	111°, 29%, 82%
HSV	111°, 12%, 87%
XYZ	59.5248, 68.3248, 61.6805
YIQ	212.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

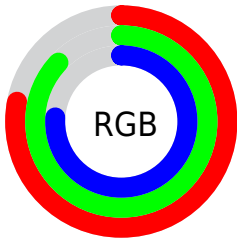
Format	Color
RYB	195, 222, 218
Decimal	13098691
CIELab	86.17, -12.60, 10.67
CIELCh	86, 16.509, 139.746
Yxy	68.3248, 0.3141, 0.3605
Android (android.graphics.Color)	4291288771 (0xFFC7DEC3)
YUV	212.0450, -8.4032, -11.4405
Hunter-Lab	82.6588, -16.1104, 13.6186

Details

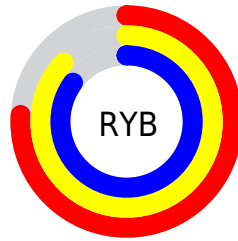
The RYB color **195, 222, 218** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **218, 195, 222**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **252, 255, 252**, and **141, 167, 163** is the 20% darker color. If you saturate the color by 10%, you get **173, 222, 215**, and if you desaturate by 10%, it is **217, 222, 221**.

Distribution



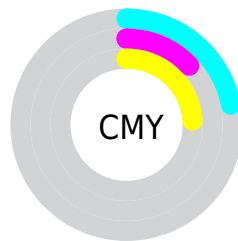
- Red (78%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 222, 218 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 195, 222, 218 by changing the saturation by 10% instead.

■ 195, 222, 218

255, 255, 255

252, 255, 252

■ 195, 222, 218

■ 168, 194, 190

■ 141, 167, 163

■ 116, 140, 137

■ 91, 115, 112

■ 68, 90, 88

■ 45, 67, 64

■ 25, 45, 44

■ 0, 25, 23

■ 0, 0, 0

 195, 222, 218

 195, 222, 218

 173, 222, 215

 217, 222, 221

 151, 222, 212

 237, 222, 239

 128, 222, 208

 255, 222, 255

 106, 222, 205

 84, 222, 202

 62, 222, 198

 40, 222, 195

 17, 222, 191

 0, 222, 189

Harmonies

Analogous

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



186, 218, 187



195, 222, 218



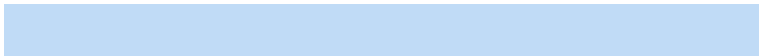
184, 209, 224

Triad

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



195, 222, 218



192, 210, 246



249, 205, 206

Complementary

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



195, 222, 218



218, 195, 222

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.



244, 205, 222



195, 222, 218



212, 213, 245

Square

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



195, 222, 218



179, 204, 239



231, 208, 236



245, 215, 192

Rectangle

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



195, 222, 218



177, 202, 225



231, 208, 236



248, 205, 211

Sweetspot

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



195, 222, 218



245, 255, 254



200, 222, 195



121, 128, 127



0, 0, 0



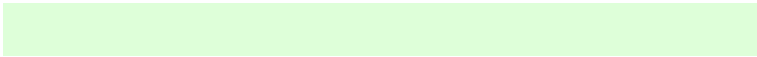
128, 128, 128

Same Dimension

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



195, 222, 218



217, 255, 250



195, 215, 222



101, 112, 110



0, 176, 150



0, 48, 41

Inverse Universe

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



218, 195, 222



249, 217, 255



222, 195, 213



111, 101, 112



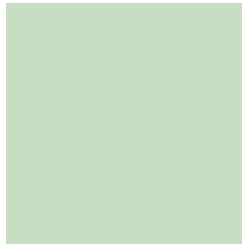
150, 0, 176



41, 0, 48

Previews

White Background



This preview shows how the RYB color 195, 222, 218 looks on a white background.

Color Contrast Check

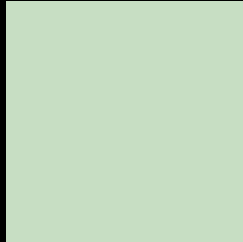
Large Text (above 18pt) WCAG AA × Fail

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 195, 222, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

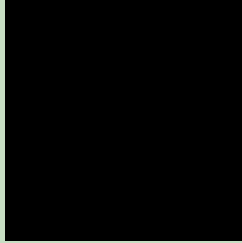
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

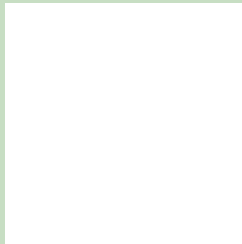
Any Text WCAG AAA ✓ Pass

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

RYB 195, 222, 218 Background



This preview shows how black text looks on a background with the RYB color 195, 222, 218.



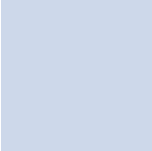
This preview shows how white text looks on a background with the RYB color 195, 222, 218.

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](#).

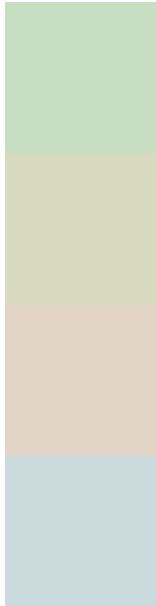
Dichromacy





Tritanopia
205, 213, 234

Trichromacy



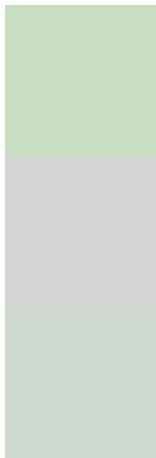
Original Color
195, 222, 218

Protanomaly
192, 218, 194

Deuteranomaly
221, 226, 197

Tritanomaly
203, 211, 220

Monochromacy



Original Color
195, 222, 218

Achromatopsia
212, 212, 212

Achromatomaly
206, 216, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 222, 218 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(199, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 195)  
}
```

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(199, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 222, 218 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(199, 222, 195) }
```

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

```
.border{ border-color:rgb(199, 222, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 222, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 195) }
```

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

```
.background{ background-color: rgb(199,  
222, 195) }
```

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