

Converting Colors

`RYB(194, 212, 215)`

Have a look what the booklet for
RYB(194, 212, 215) contains.

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Color

R_YB(194, 212, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C2D7C6
RGB	194, 215, 198
RGB Percent	76%, 84%, 78%
CMY	0.2392, 0.1569, 0.2255
CMYK	0.10, 0.00, 0.08, 0.16
HSL	130°, 21%, 80%
HSV	130°, 10%, 84%
XYZ	56.6840, 64.1244, 62.5139
YIQ	206.7830, -7.0590, -9.7390

Conversions

Conversions Part 2

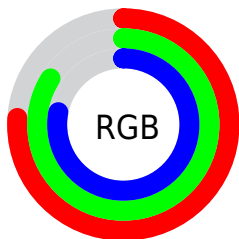
Format	Color
RYB	194, 212, 215
Decimal	12769222
CIELab	84.03, -10.30, 6.24
CIElCh	84, 12.042, 148.794
Yxy	64.1244, 0.3092, 0.3498
Android (android.graphics.Color)	4290959302 (0xFFC2D7C6)
YUV	206.7830, -4.3300, -11.2107
Hunter-Lab	80.0777, -13.7825, 9.7688

Details

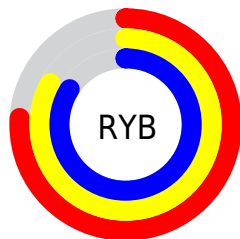
The RYB color **194, 212, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 194, 211**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **251, 253, 255**, and **140, 157, 160** is the 20% darker color. If you saturate the color by 10%, you get **173, 209, 215**, and if you desaturate by 10%, it is **216, 215, 215**.

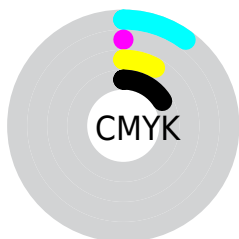
Distribution



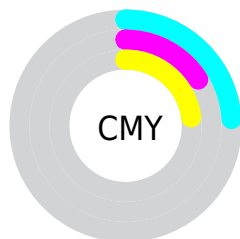
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (83%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 212, 215 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 194, 212, 215 by changing the saturation by 10% instead.

 194, 212, 215

255, 255, 255


 251, 253, 255

 194, 212, 215

 167, 184, 187

 140, 157, 160

 115, 131, 134


 90, 106, 109

 66, 81, 84

 44, 58, 61

 23, 36, 39

 0, 19, 19


 0, 0, 0

 194, 212, 215

 194, 212, 215

 173, 209, 215

 216, 215, 215

 151, 206, 215


 237, 215, 233


 130, 203, 215


 255, 215, 251


 108, 200, 215


 255, 215, 255

 86, 196, 215

 65, 194, 215

 43, 190, 215

 22, 188, 215

 0, 184, 215

Harmonies

Analogous

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



190, 212, 195



194, 212, 215



184, 202, 216

Triad

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



194, 212, 215



197, 207, 232



234, 204, 199

Complementary

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



194, 212, 215



215, 194, 211

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.



232, 202, 210



194, 212, 215



211, 207, 229

Square

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



194, 212, 215



186, 203, 229



224, 204, 221



229, 213, 191

Rectangle

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



194, 212, 215



181, 199, 216



224, 204, 221



234, 202, 203

Sweetspot

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



194, 212, 215



247, 253, 255



194, 215, 197



122, 127, 128



0, 0, 0



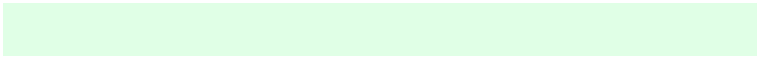
128, 128, 128

Same Dimension

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



194, 212, 215



224, 250, 255



194, 207, 215



96, 105, 107



0, 147, 171



0, 37, 43

Inverse Universe

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



215, 194, 211



255, 224, 250



215, 194, 201



107, 96, 105



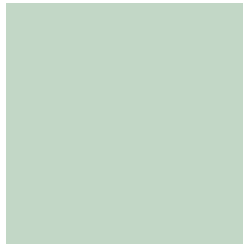
171, 0, 142



43, 0, 36

Previews

White Background



This preview shows how the RYB color 194, 212, 215 looks on a white background.

Color Contrast Check

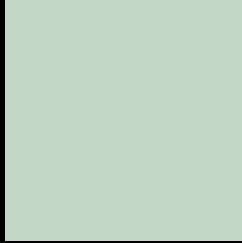
Large Text (above 18pt) WCAG AA × Fail

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 194, 212, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

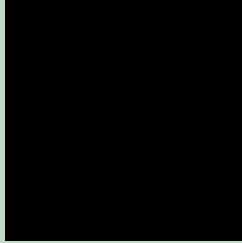
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

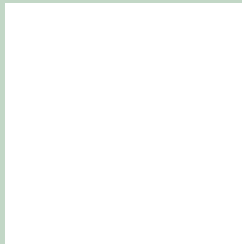
Any Text WCAG AAA ✓ Pass

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

RYB 194, 212, 215 Background



This preview shows how black text looks on a background with the RYB color 194, 212, 215.



This preview shows how white text looks on a background with the RYB color 194, 212, 215.

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



Original Color
194, 212, 215

Protanopia
209, 217, 194

Deuteranopia
233, 202, 200



Tritanopia
199, 207, 227

Trichromacy



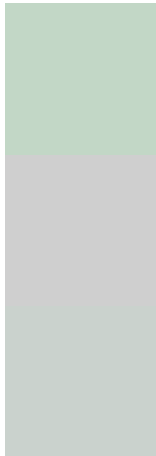
Original Color
194, 212, 215

Protanomaly
195, 211, 197

Deuteranomaly
219, 212, 199

Tritanomaly
197, 205, 216

Monochromacy



Original Color
194, 212, 215

Achromatopsia
207, 207, 207

Achromatomaly
202, 208, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 212, 215 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(194, 215, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 215, 198)  
}
```

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(194, 215, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 215, 198) }
```

Border

The CSS property to change the border of an element to RYB 194, 212, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

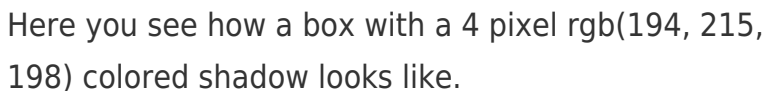
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 215, 198) }
```

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

```
.border{ border-color:rgb(194, 215, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 215, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 215, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 215, 198); box-shadow:4px 4px 4px 4px rgb(194, 215, 198) }
```

Background

The CSS property to change the background color of an element to RYB 194, 212, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 215, 198) }
```

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

```
.background{ background-color: rgb(194,  
215, 198) }
```

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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