

Converting Colors

`RYB(172, 206, 158)`

Have a look what the booklet for
RYB(172, 206, 158) contains.

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Color

R_YB(172, 206, 158)

Conversions

Conversions Part 1

Format	Color
Hex	CEC39E
RGB	206, 195, 158
RGB Percent	81%, 76%, 62%
CMY	0.1922, 0.2347, 0.3804
CMYK	0.00, 0.05, 0.23, 0.19
HSL	46°, 33%, 71%
HSV	46°, 23%, 81%
XYZ	51.1764, 54.6930, 40.2073
YIQ	194.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

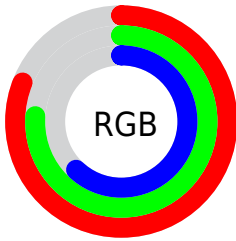
Format	Color
RYB	172, 206, 158
Decimal	13550494
CIELab	78.86, -2.13, 20.07
CIELCh	79, 20.185, 96.053
Yxy	54.6930, 0.3503, 0.3744
Android (android.graphics.Color)	4291740574 (0xFFCEC39E)
YUV	194.0710, -17.7830, 10.4617
Hunter-Lab	73.9547, -5.8993, 19.5338

Details

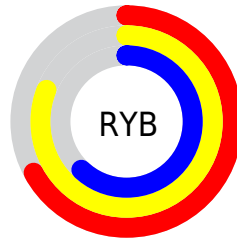
The RYB color **172, 206, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 167, 206**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **217, 255, 213**, and **119, 151, 106** is the 20% darker color. If you saturate the color by 10%, you get **156, 206, 137**, and if you desaturate by 10%, it is **187, 206, 179**.

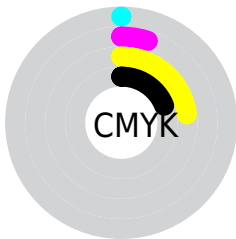
Distribution



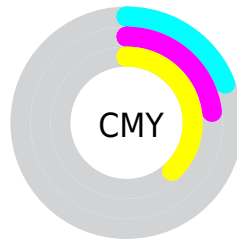
- Red (81%)
- Green (76%)
- Blue (62%)



- Red (67%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 206, 158 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 172, 206, 158 by changing the saturation by 10% instead.

 172, 206, 158

255, 255, 255

 216, 255, 213

 241, 255, 241

 172, 206, 158

 145, 178, 132

 117, 151, 106

 93, 125, 82

 69, 100, 59

 46, 75, 37

 23, 52, 16

 7, 31, 0

 0, 0, 0

 172, 206, 158

 172, 206, 158

 156, 206, 137


 187, 206, 179

 143, 206, 117

 202, 206, 199

 128, 206, 96

 206, 208, 220

 113, 206, 76

 206, 212, 240

 99, 206, 55


 206, 216, 255

 84, 206, 34

 206, 219, 255

 69, 206, 14

 206, 221, 255

 61, 206, 0

 206, 223, 255

 206, 225, 255

Harmonies

Analogous

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



223, 212, 161



172, 206, 158



165, 201, 181

Triad

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



172, 206, 158



145, 178, 217



223, 184, 211

Complementary

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



172, 206, 158



158, 167, 206

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.



203, 189, 226



172, 206, 158



157, 184, 229

Square

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



172, 206, 158



149, 180, 206



179, 192, 232



234, 182, 192

Rectangle

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



172, 206, 158



171, 201, 204



179, 192, 232



217, 185, 216

Sweetspot

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



172, 206, 158



242, 255, 237



206, 158, 169



121, 128, 117



0, 0, 0



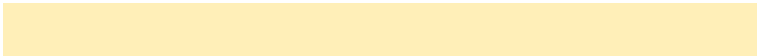
128, 128, 128

Same Dimension

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



172, 206, 158



205, 255, 184



158, 206, 171



95, 102, 92



49, 166, 0



10, 38, 0

Inverse Universe

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



158, 167, 206



184, 197, 255



171, 158, 206



92, 94, 102



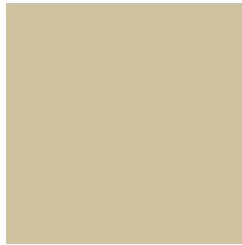
0, 30, 166



0, 7, 38

Previews

White Background



This preview shows how the RYB color 172, 206, 158 looks on a white background.

Color Contrast Check

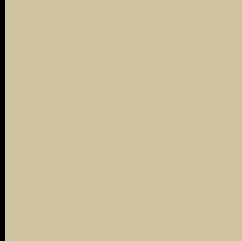
Large Text (above 18pt) WCAG AA × Fail

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 172, 206, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

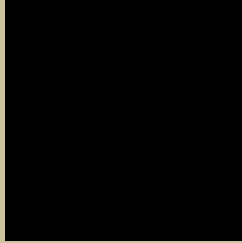
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

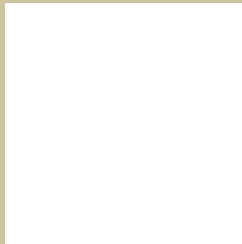
Any Text WCAG AAA ✓ Pass

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

RYB 172, 206, 158 Background



This preview shows how black text looks on a background with the RYB color 172, 206, 158.



This preview shows how white text looks on a background with the RYB color 172, 206, 158.

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
172, 206, 158

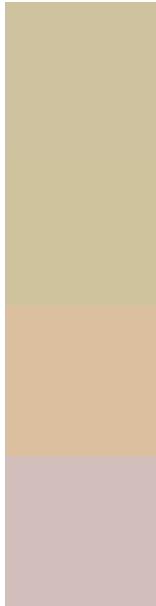
Protanopia
174, 207, 158

Deuteranopia
226, 209, 160



Tritanopia
212, 189, 204

Trichromacy



Original Color

172, 206, 158

Protanomaly

174, 207, 158

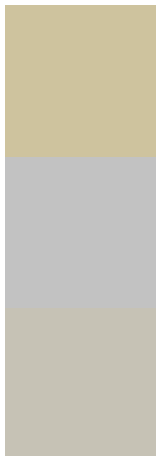
Deuteranomaly

212, 219, 159

Tritanomaly

210, 192, 187

Monochromacy



Original Color

172, 206, 158

Achromatopsia

194, 194, 194

Achromatomaly

186, 198, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 206, 158 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(206, 195, 158) looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 158)  
}
```

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(206, 195, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 158) }
```

Border

The CSS property to change the border of an element to RYB 172, 206, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

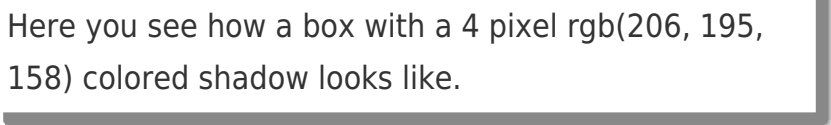
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 195, 158) }
```

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

```
.border{ border-color:rgb(206, 195, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 195, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 158);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 172, 206, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 158) }
```

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

```
.background{ background-color: rgb(206,  
195, 158) }
```

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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