

Converting Colors

`RYB(182, 214, 198)`

Have a look what the booklet for
RYB(182, 214, 198) contains.

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Color

R_YB(182, 214, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C6D6B6
RGB	198, 214, 182
RGB Percent	78%, 84%, 71%
CMY	0.2235, 0.1608, 0.2863
CMYK	0.07, 0.00, 0.15, 0.16
HSL	90°, 28%, 78%
HSV	90°, 15%, 84%
XYZ	55.7788, 63.4763, 53.5683
YIQ	205.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

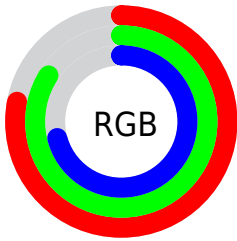
Format	Color
R_{YB}	182, 214, 198
Decimal	13031094
CIE _{Lab}	83.69, -11.09, 14.00
CIE _{LCh}	84, 17.860, 128.403
Yxy	63.4763, 0.3228, 0.3673
Android (android.graphics.Color)	4291221174 (0xFFC6D6B6)
YUV	205.5680, -11.6190, -6.6371
Hunter-Lab	79.6720, -14.4573, 15.9062

Details

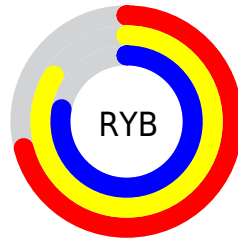
The RYB color **182, 214, 198** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 182, 214**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **238, 255, 238**, and **129, 159, 144** is the 20% darker color. If you saturate the color by 10%, you get **161, 214, 188**, and if you desaturate by 10%, it is **203, 214, 208**.

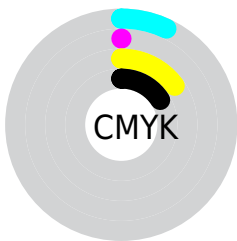
Distribution



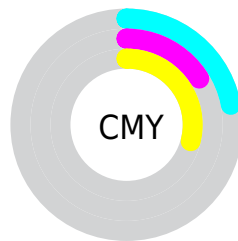
- Red (78%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 214, 198 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 182, 214, 198 by changing the saturation by 10% instead.

 182, 214, 198

255, 255, 255


 238, 255, 238

 182, 214, 198

 155, 186, 170

 129, 159, 144


 104, 133, 119

 80, 108, 95

 57, 84, 71

 35, 60, 48

 14, 39, 27

 0, 19, 19

 0, 0, 0

 182, 214, 198

 182, 214, 198

 161, 214, 188

 203, 214, 208

 139, 214, 176

 219, 214, 225

 118, 214, 166

 230, 214, 246

 96, 214, 155

 241, 214, 255

 75, 214, 144

 252, 214, 255

 54, 214, 134

 255, 214, 255

 32, 214, 123

 11, 214, 113

 0, 214, 107

Harmonies

Analogous

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



185, 217, 175



182, 214, 198



180, 206, 217

Triad

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



182, 214, 198



176, 200, 239



244, 197, 204

Complementary

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



182, 214, 198



198, 182, 214

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.



235, 198, 221



182, 214, 198



196, 206, 242

Square

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



182, 214, 198



165, 194, 229



218, 203, 235



243, 202, 188

Rectangle

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



182, 214, 198



170, 197, 218



218, 203, 235



242, 197, 210

Sweetspot

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



182, 214, 198



245, 255, 250



214, 214, 182



121, 128, 125



0, 0, 0



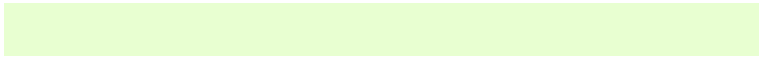
128, 128, 128

Same Dimension

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



182, 214, 198



209, 255, 232



182, 214, 214



96, 107, 101



0, 171, 86



0, 43, 21

Inverse Universe

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



198, 182, 214



232, 209, 255



214, 182, 214



102, 96, 107



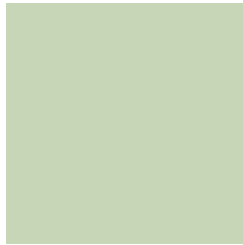
85, 0, 171



22, 0, 43

Previews

White Background



This preview shows how the RYB color 182, 214, 198 looks on a white background.

Color Contrast Check

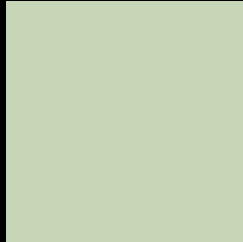
Large Text (above 18pt) WCAG AA × Fail

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 182, 214, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

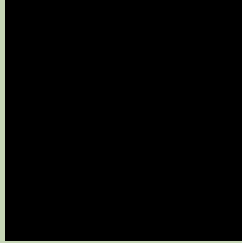
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

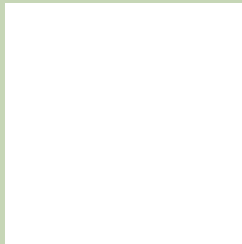
Any Text WCAG AAA ✓ Pass

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

RYB 182, 214, 198 Background



This preview shows how black text looks on a background with the RYB color 182, 214, 198.



This preview shows how white text looks on a background with the RYB color 182, 214, 198.

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](#).

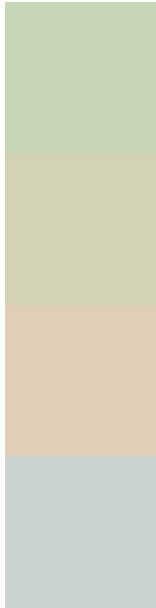
Dichromacy





Tritanopia
204, 207, 224

Trichromacy



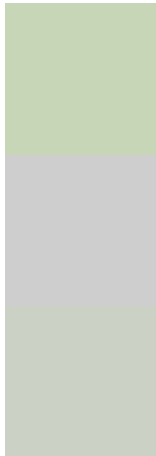
Original Color
182, 214, 198

Protanomaly
181, 211, 180

Deuteranomaly
214, 223, 184

Tritanomaly
202, 206, 210

Monochromacy



Original Color
182, 214, 198

Achromatopsia
206, 206, 206

Achromatomaly
197, 209, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 214, 198 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(198, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 214, 182)  
}
```

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(198, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 214, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 214, 198 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(198, 214, 182) }
```

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

```
.border{ border-color:rgb(198, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(198, 214,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 214, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 214, 182) }
```

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

```
.background{ background-color: rgb(198,  
214, 182) }
```

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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