

Converting Colors

`RYB(197, 222, 198)`

Have a look what the booklet for
RYB(197, 222, 198) contains.

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Color

R_YB(197, 222, 198)

Conversions

Conversions Part 1

Format	Color
Hex	DDDEC5
RGB	221, 222, 197
RGB Percent	87%, 87%, 77%
CMY	0.1333, 0.1294, 0.2275
CMYK	0.00, 0.00, 0.11, 0.13
HSL	62°, 27%, 82%
HSV	62°, 11%, 87%
XYZ	66.0181, 71.6459, 63.1728
YIQ	218.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

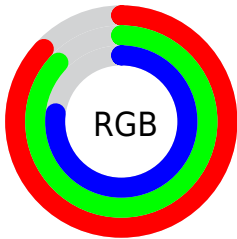
Format	Color
RYB	197, 222, 198
Decimal	14540485
CIELab	87.80, -4.60, 12.15
CIELCh	88, 12.994, 110.735
Yxy	71.6459, 0.3287, 0.3567
Android (android.graphics.Color)	4292730565 (0xFFDDDEC5)
YUV	218.8510, -10.7725, 1.8847
Hunter-Lab	84.6439, -8.9056, 15.0004

Details

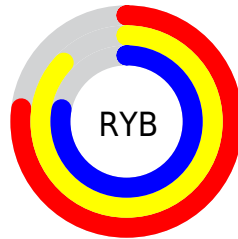
The RYB color **197, 222, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 197, 222**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 167, 144** is the 20% darker color. If you saturate the color by 10%, you get **175, 222, 177**, and if you desaturate by 10%, it is **219, 222, 219**.

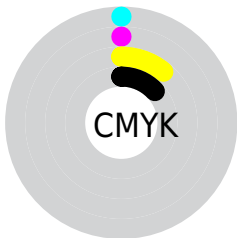
Distribution



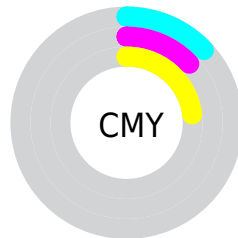
- Red (87%)
- Green (87%)
- Blue (77%)



- Red (77%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 222, 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 197, 222, 198 by changing the saturation by 10% instead.

 197, 222, 198

255, 255, 255

254, 255, 254

 197, 222, 198

 170, 194, 171

 143, 167, 144

 118, 141, 120

 93, 115, 94

 69, 91, 71

 47, 67, 48

 26, 45, 28

 0, 24, 0

 0, 0, 0

 197, 222, 198

 197, 222, 198

 175, 222, 177

 219, 222, 219

 153, 222, 156

 223, 222, 241

 130, 222, 134

 224, 222, 255

 108, 222, 113

 225, 222, 255

 86, 222, 91

 226, 222, 255

 64, 222, 70

 227, 222, 255

 42, 222, 49

 228, 222, 255

 19, 222, 27

 229, 222, 255

 0, 222, 9

Harmonies

Analogous

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



224, 234, 196



197, 222, 198



204, 225, 222

Triad

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



197, 222, 198



192, 212, 239



243, 212, 224

Complementary

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



197, 222, 198



198, 197, 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.



233, 214, 236



197, 222, 198



203, 216, 244

Square

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



197, 222, 198



189, 208, 228



218, 218, 243



247, 212, 212

Rectangle

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



197, 222, 198



198, 218, 227



218, 218, 243



240, 213, 229

Sweetspot

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



197, 222, 198



247, 255, 247



222, 198, 197



122, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



197, 222, 198



219, 255, 220



197, 222, 210



101, 112, 101



0, 176, 7



0, 48, 1

Inverse Universe

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



198, 197, 222



221, 219, 255



210, 197, 222



101, 101, 112



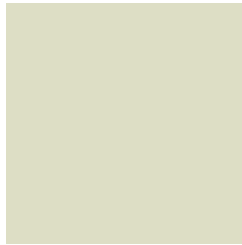
7, 0, 176



2, 0, 48

Previews

White Background



This preview shows how the RYB color 197, 222, 198 looks on a white background.

Color Contrast Check

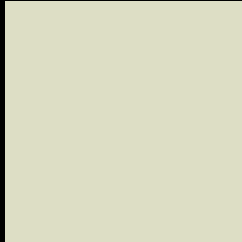
Large Text (above 18pt) WCAG AA × Fail

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 197, 222, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

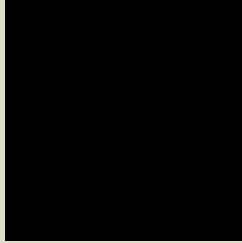
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

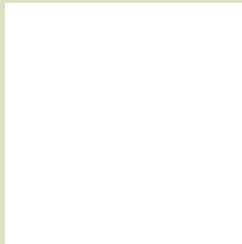
Any Text WCAG AAA ✓ Pass

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

R/Y/B 197, 222, 198 Background



This preview shows how black text looks on a background with the R/Y/B color 197, 222, 198.



This preview shows how white text looks on a background with the R/Y/B color 197, 222, 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



Original Color
197, 222, 198

Protanopia
212, 230, 196

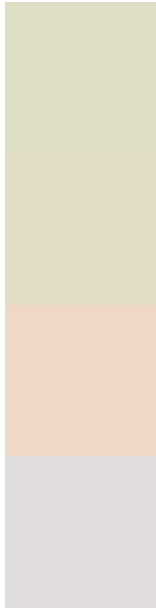
Deuteranopia
249, 217, 199



Tritanopia

226, 217, 234

Trichromacy



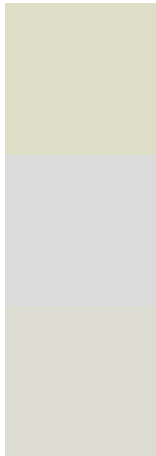
Original Color
197, 222, 198

Protanomaly
205, 227, 196

Deuteranomaly
239, 230, 198

Tritanomaly
224, 219, 221

Monochromacy



Original Color
197, 222, 198

Achromatopsia
219, 219, 219

Achromatomaly
211, 220, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 222, 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(221, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 197)  
}
```

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(221, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 222, 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(221, 222, 197) }
```

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

```
.border{ border-color:rgb(221, 222, 197) }
```

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

Here you see how a box with a 4 pixel rgb(221, 222, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 222, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 197) }
```

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

```
.background{ background-color: rgb(221,  
222, 197) }
```

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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