

Converting Colors

`RYB(198, 228, 173)`

Have a look what the booklet for
RYB(198, 228, 173) contains.

RYB(198, 228, 173)	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(198, 228, 173)

Conversions

Conversions Part 1

Format	Color
Hex	E4D3AD
RGB	228, 211, 173
RGB Percent	89%, 83%, 68%
CMY	0.1059, 0.1733, 0.3216
CMYK	0.00, 0.08, 0.24, 0.11
HSL	41°, 50%, 79%
HSV	41°, 24%, 89%
XYZ	62.7854, 66.0065, 48.9665
YIQ	211.7510, 22.3300, -8.2140

Conversions

Conversions Part 2

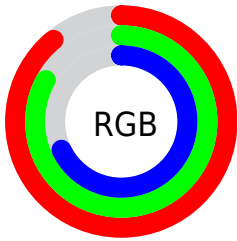
Format	Color
R _{YB}	198, 228, 173
Decimal	14996397
CIE Lab	85.00, 0.11, 20.91
CIE LCh	85, 20.908, 89.694
Yxy	66.0065, 0.3532, 0.3713
Android (android.graphics.Color)	4293186477 (0xFFE4D3AD)
YUV	211.7510, -19.1042, 14.2504
Hunter-Lab	81.2444, -4.2334, 21.1366

Details

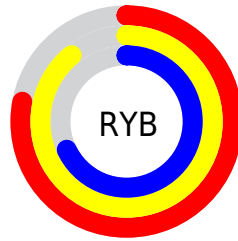
The RYB color **198, 228, 173** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173, 186, 228**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **229, 255, 229**, and **141, 172, 120** is the 20% darker color. If you saturate the color by 10%, you get **185, 228, 150**, and if you desaturate by 10%, it is **211, 228, 196**.

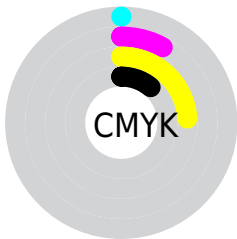
Distribution



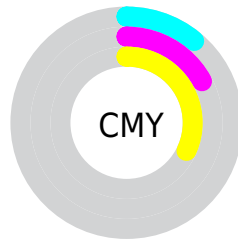
- Red (89%)
- Green (83%)
- Blue (68%)



- Red (78%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 228, 173 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 198, 228, 173 by changing the saturation by 10% instead.

■ 198, 228, 173

255, 255, 255

■ 229, 255, 229

■ 198, 228, 173

■ 171, 200, 146

■ 143, 172, 120

■ 118, 145, 96

■ 92, 119, 72

■ 67, 94, 49

■ 42, 69, 27

■ 14, 46, 3


■ 10, 23, 0

■ 0, 0, 0

 198, 228, 173

 198, 228, 173

 185, 228, 150

 211, 228, 196

 172, 228, 127


 224, 228, 219

 162, 228, 105

 228, 231, 241

 149, 228, 82


 228, 236, 255

 136, 228, 59

 228, 239, 255

 123, 228, 36

 228, 241, 255

 110, 228, 13

 228, 242, 255

 103, 228, 0

Harmonies

Analogous

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



245, 219, 179



198, 228, 173



178, 217, 189

Triad

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



198, 228, 173



159, 193, 231



238, 201, 233

Complementary

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



198, 228, 173



173, 186, 228

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.



216, 207, 247



198, 228, 173



168, 199, 246

Square

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



198, 228, 173



166, 199, 224



190, 207, 251



251, 199, 213

Rectangle

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



198, 228, 173



186, 220, 215



190, 207, 251



231, 203, 238

Sweetspot

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



198, 228, 173



246, 255, 237



228, 173, 190



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



198, 228, 173



214, 255, 181



173, 228, 183



109, 115, 103



81, 179, 0



23, 51, 0

Inverse Universe

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



173, 186, 228



181, 199, 255



183, 173, 228



103, 106, 115



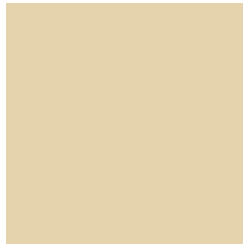
0, 43, 179



0, 12, 51

Previews

White Background



This preview shows how the RYB color 198, 228, 173 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 198, 228, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

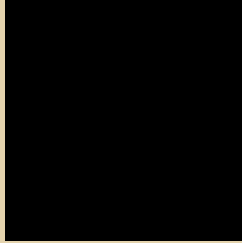
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

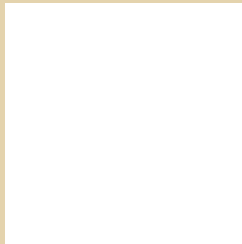
Any Text WCAG AAA ✓ Pass

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

RYB 198, 228, 173 Background



This preview shows how black text looks on a background with the RYB color 198, 228, 173.

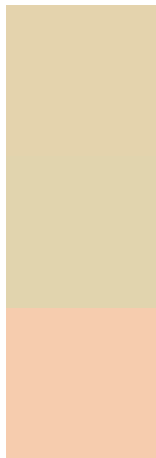


This preview shows how white text looks on a background with the RYB color 198, 228, 173.

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
198, 228, 173

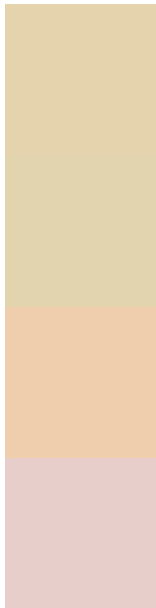
Protanopia
191, 225, 174

Deuteranopia
246, 225, 174



Tritanopia
234, 204, 220

Trichromacy



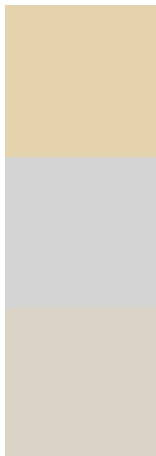
Original Color
198, 228, 173

Protanomaly
193, 226, 174

Deuteranomaly
239, 237, 174

Tritanomaly
232, 206, 203

Monochromacy



Original Color
198, 228, 173

Achromatopsia
212, 212, 212

Achromatomaly
207, 218, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 228, 173 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(228, 211, 173) looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 173)  
}
```

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(228, 211, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 173) }
```

Border

The CSS property to change the border of an element to RYB 198, 228, 173 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(228, 211, 173) }
```

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

```
.border{ border-color:rgb(228, 211, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 173);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 198, 228, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 173) }
```

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

```
.background{ background-color: rgb(228,  
211, 173) }
```

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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