

Converting Colors

`RYB(229, 211, 180)`

Have a look what the booklet for
RYB(229, 211, 180) contains.

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Color

R_YB(229, 211, 180)

Conversions

Conversions Part 1

Format	Color
Hex	E5C7B4
RGB	229, 199, 180
RGB Percent	90%, 78%, 71%
CMY	0.1020, 0.2197, 0.2941
CMYK	0.00, 0.13, 0.21, 0.10
HSL	23°, 49%, 80%
HSV	23°, 21%, 90%
XYZ	60.9719, 60.7944, 51.7009
YIQ	205.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

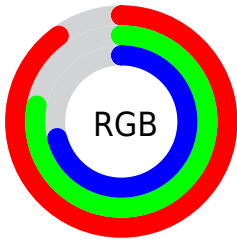
Format	Color
R _Y B	229, 211, 180
Decimal	15058868
CIE Lab	82.27, 7.65, 13.40
CIE LCh	82, 15.429, 60.266
Yxy	60.7944, 0.3515, 0.3505
Android (android.graphics.Color)	4293248948 (0xFFE5C7B4)
YUV	205.8040, -12.7214, 20.3429
Hunter-Lab	77.9708, 3.1353, 15.2654

Details

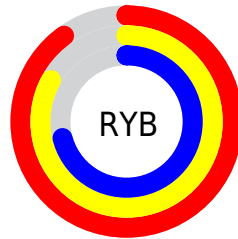
The RYB color **229, 211, 180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **180, 199, 229**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **236, 255, 236**, and **173, 157, 127** is the 20% darker color. If you saturate the color by 10%, you get **229, 203, 157**, and if you desaturate by 10%, it is **229, 219, 203**.

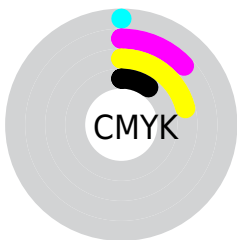
Distribution



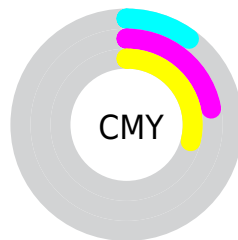
- Red (90%)
- Green (78%)
- Blue (71%)



- Red (90%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 211, 180 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 229, 211, 180 by changing the saturation by 10% instead.

 229, 211, 180

255, 255, 255


 236, 255, 236

 229, 211, 180

 201, 184, 153

 173, 157, 127

 146, 130, 102

 120, 107, 78

 95, 82, 55

 70, 60, 34

 47, 41, 12

 25, 2, 0

 0, 0, 0

 229, 211, 180

 229, 211, 180

 229, 203, 157

 229, 219, 203

 229, 195, 134


 229, 228, 226

 229, 186, 111


 229, 237, 249

 229, 178, 88

 229, 242, 255

 229, 169, 66

 229, 160, 43

 229, 152, 20

 229, 146, 0

Harmonies

Analogous

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



235, 197, 191



229, 211, 180



193, 216, 176

Triad

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



229, 211, 180



172, 195, 213



208, 201, 230

Complementary

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



229, 211, 180



180, 199, 229

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.



189, 201, 233



229, 211, 180



168, 192, 219

Square

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



229, 211, 180



184, 207, 212



174, 196, 229



224, 197, 219

Rectangle

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



229, 211, 180



177, 207, 178



174, 196, 229



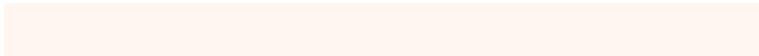
202, 203, 232

Sweetspot

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



229, 211, 180



255, 250, 240



229, 180, 210



128, 124, 119



0, 0, 0



128, 128, 128

Same Dimension

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



229, 211, 180



255, 229, 189



187, 229, 180



115, 112, 103



179, 112, 0



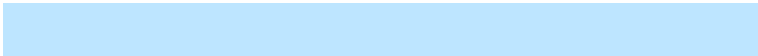
51, 33, 0

Inverse Universe

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



180, 199, 229



189, 214, 255



180, 185, 229



103, 107, 115



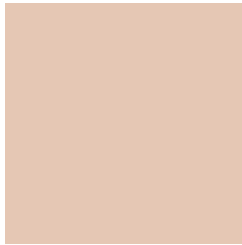
0, 68, 179



0, 19, 51

Previews

White Background



This preview shows how the RYB color 229, 211, 180 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 229, 211, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

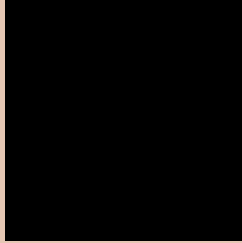
Any Text WCAG AA ✓ Pass

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 229, 211, 180 Background



This preview shows how black text looks on a background with the RYB color 229, 211, 180.



This preview shows how white text looks on a background with the RYB color 229, 211, 180.

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
229, 211, 180

Protanopia
198, 214, 183

Deuteranopia
233, 205, 180



Tritanopia
233, 195, 210

Trichromacy



Original Color

229, 211, 180

Protanomaly

213, 219, 182

Deuteranomaly

232, 208, 180

Tritanomaly

232, 196, 199

Monochromacy



Original Color

229, 211, 180

Achromatopsia

206, 206, 206

Achromatomaly

214, 206, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 211, 180 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(229, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 180)  
}
```

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(229, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 180) }
```

Border

The CSS property to change the border of an element to RYB 229, 211, 180 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(229, 199, 180) }
```

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

```
.border{ border-color:rgb(229, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 229, 199, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 180) }
```

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

```
.background{ background-color: rgb(229,  
199, 180) }
```

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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