

Converting Colors

`RYB(214, 230, 188)`

Have a look what the booklet for
RYB(214, 230, 188) contains.

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Color

R_YB(214, 230, 188)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6BC
RGB	230, 214, 188
RGB Percent	90%, 84%, 74%
CMY	0.0980, 0.1610, 0.2627
CMYK	0.00, 0.07, 0.18, 0.10
HSL	37°, 46%, 82%
HSV	37°, 18%, 90%
XYZ	65.7419, 68.5172, 57.3371
YIQ	215.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

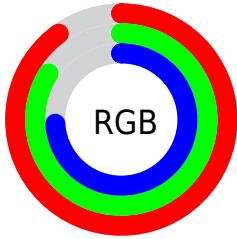
Format	Color
R _Y B	214, 230, 188
Decimal	15128252
CIE Lab	86.26, 1.39, 14.81
CIE LCh	86, 14.877, 84.636
Yxy	68.5172, 0.3431, 0.3576
Android (android.graphics.Color)	4293318332 (0xFFE6D6BC)
YUV	215.8200, -13.7153, 12.4359
Hunter-Lab	82.7751, -3.0876, 16.8733

Details

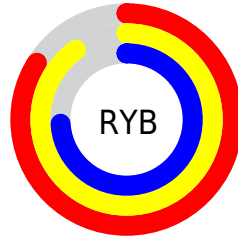
The RYB color **214, 230, 188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **188, 200, 230**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **244, 255, 244**, and **159, 174, 135** is the 20% darker color. If you saturate the color by 10%, you get **206, 230, 165**, and if you desaturate by 10%, it is **222, 230, 211**.

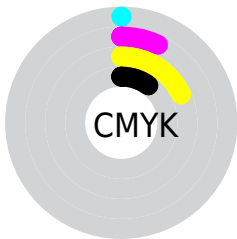
Distribution



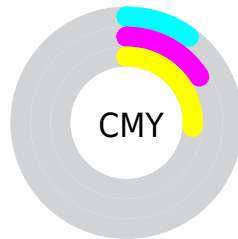
- Red (90%)
- Green (84%)
- Blue (74%)



- Red (84%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 230, 188 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 214, 230, 188 by changing the saturation by 10% instead.

■ 214, 230, 188

255, 255, 255

■ 244, 255, 244

■ 214, 230, 188

■ 187, 202, 161

■ 159, 174, 135

■ 131, 147, 109

■ 105, 121, 85

■ 81, 96, 62

■ 57, 72, 40

■ 34, 49, 19

■ 13, 28, 0

■ 0, 0, 0

■ 214, 230, 188

■ 214, 230, 188

■ 206, 230, 165

■ 222, 230, 211

■ 197, 230, 142

■ 230, 231, 234

■ 187, 230, 119

■ 230, 237, 255

■ 178, 230, 96

■ 230, 241, 255

■ 170, 230, 73

■ 230, 243, 255

■ 162, 230, 50

■ 154, 230, 27

■ 143, 230, 4

■ 143, 230, 0

Harmonies

Analogous

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



241, 219, 193



214, 230, 188



190, 219, 194

Triad

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



214, 230, 188



180, 203, 227



232, 209, 232

Complementary

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



214, 230, 188



188, 200, 230

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, 213, 241



214, 230, 188



184, 206, 238

Square

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



214, 230, 188



186, 208, 224



198, 212, 244



243, 206, 219

Rectangle

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



214, 230, 188



195, 221, 212



198, 212, 244



227, 210, 236

Sweetspot

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



214, 230, 188



250, 255, 242



230, 188, 204



125, 128, 120



0, 0, 0



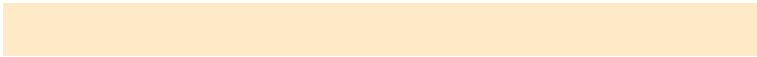
128, 128, 128

Same Dimension

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



214, 230, 188



233, 255, 199



188, 230, 193



112, 115, 103



112, 179, 0



33, 51, 0

Inverse Universe

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



188, 200, 230



199, 214, 255



193, 188, 230



103, 107, 115



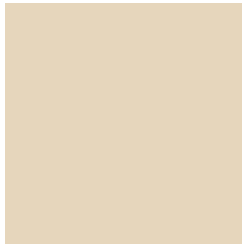
0, 49, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 214, 230, 188 looks on a white background.

Color Contrast Check

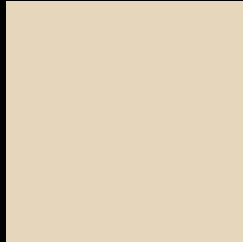
Large Text (above 18pt) WCAG AA × Fail

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 214, 230, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

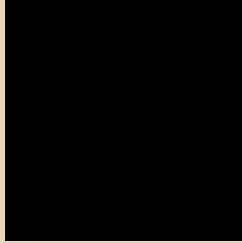
Any Text WCAG AA ✓ Pass

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 214, 230, 188 Background



This preview shows how black text looks on a background with the RYB color 214, 230, 188.

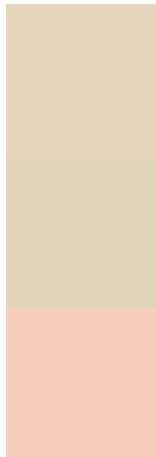


This preview shows how white text looks on a background with the RYB color 214, 230, 188.

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
214, 230, 188

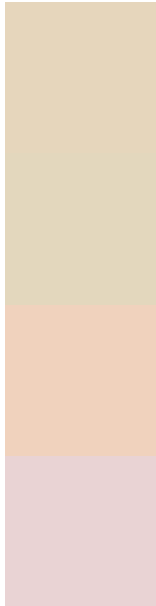
Protanopia
205, 226, 189

Deuteranopia
246, 218, 189



Tritanopia
235, 209, 225

Trichromacy



Original Color

214, 230, 188

Protanomaly

207, 227, 189

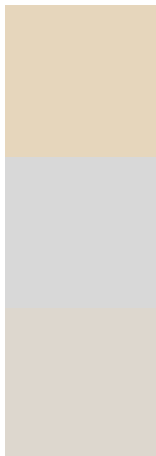
Deuteranomaly

240, 225, 189

Tritanomaly

233, 211, 212

Monochromacy



Original Color

214, 230, 188

Achromatopsia

216, 216, 216

Achromatomaly

216, 221, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 230, 188 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(230, 214, 188) looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 188)  
}
```

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(230, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 188) }
```

Border

The CSS property to change the border of an element to RYB 214, 230, 188 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(230, 214, 188) }
```

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

```
.border{ border-color:rgb(230, 214, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 214, 230, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 188) }
```

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

```
.background{ background-color: rgb(230,  
214, 188) }
```

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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