

Converting Colors

`RYB(215, 230, 207)`

Have a look what the booklet for
RYB(215, 230, 207) contains.

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Color

R_YB(215, 230, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E6E0CF
RGB	230, 224, 207
RGB Percent	90%, 88%, 81%
CMY	0.0980, 0.1213, 0.1882
CMYK	0.00, 0.03, 0.10, 0.10
HSL	45°, 32%, 86%
HSV	45°, 10%, 90%
XYZ	70.5686, 74.6740, 69.7256
YIQ	223.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

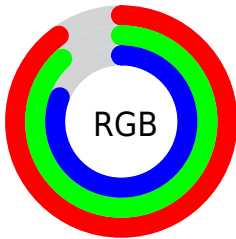
Format	Color
RYB	215, 230, 207
Decimal	15130831
CIELab	89.24, -0.87, 9.06
CIElCh	89, 9.102, 95.474
Yxy	74.6740, 0.3283, 0.3474
Android (android.graphics.Color)	4293320911 (0xFFE6E0CF)
YUV	223.8560, -8.3100, 5.3883
Hunter-Lab	86.4141, -5.4557, 12.6501

Details

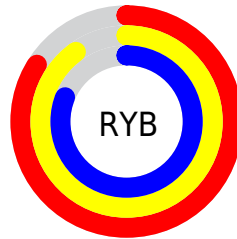
The RYB color **215, 230, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 212, 230**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **160, 174, 153** is the 20% darker color. If you saturate the color by 10%, you get **200, 230, 184**, and if you desaturate by 10%, it is **230, 230, 230**.

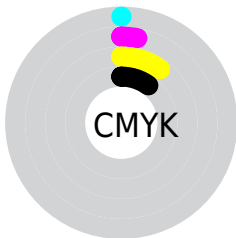
Distribution



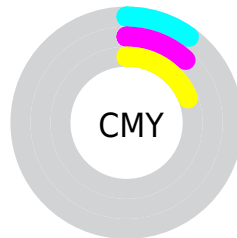
- Red (90%)
- Green (88%)
- Blue (81%)



- Red (84%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 230, 207 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 215, 230, 207 by changing the saturation by 10% instead.

■ 215, 230, 207

255, 255, 255

■ 215, 230, 207

■ 187, 202, 179

■ 160, 174, 153

■ 135, 148, 127

■ 109, 122, 102

■ 85, 97, 78

■ 60, 73, 55

■ 38, 50, 34

■ 16, 30, 11

■ 0, 0, 0

 215, 230, 207

 215, 230, 207

 200, 230, 184

 230, 230, 230

 185, 230, 161


 230, 235, 253

 170, 230, 138


 230, 238, 255

 156, 230, 115

 230, 240, 255

 141, 230, 92

 230, 242, 255

 126, 230, 69

 230, 243, 255

 109, 230, 46

 94, 230, 23

 79, 230, 0

Harmonies

Analogous

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



238, 229, 209



215, 230, 207



210, 227, 217

Triad

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



215, 230, 207



203, 217, 234



237, 219, 232

Complementary

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



215, 230, 207



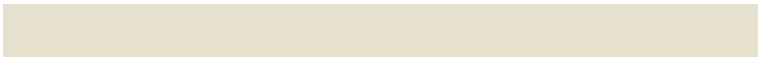
207, 212, 230

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.



228, 222, 238



215, 230, 207



208, 220, 240

Square

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



215, 230, 207



204, 218, 230



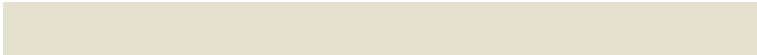
217, 222, 241



243, 218, 223

Rectangle

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



215, 230, 207



213, 227, 228



217, 222, 241



235, 220, 234

Sweetspot

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



215, 230, 207



250, 255, 247



230, 207, 213



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



215, 230, 207



235, 255, 224



207, 230, 212



107, 115, 103



64, 179, 0



17, 51, 0

Inverse Universe

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



207, 212, 230



224, 230, 255



212, 207, 230



103, 105, 115



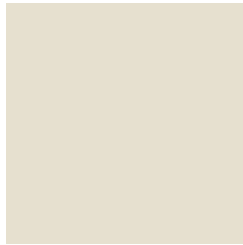
0, 37, 179



0, 10, 51

Previews

White Background



This preview shows how the RYB color 215, 230, 207 looks on a white background.

Color Contrast Check

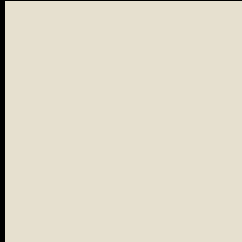
Large Text (above 18pt) WCAG AA × Fail

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 215, 230, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

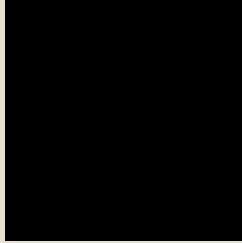
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

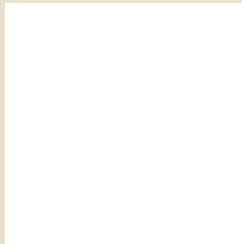
Any Text WCAG AAA ✓ Pass

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

RYB 215, 230, 207 Background



This preview shows how black text looks on a background with the RYB color 215, 230, 207.

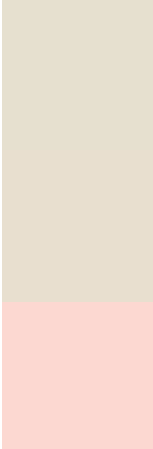


This preview shows how white text looks on a background with the RYB color 215, 230, 207.

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 215 , 230 , 207
	Protanopia 221 , 232 , 207
	Deuteranopia 252 , 217 , 209



Tritanopia

234, 220, 237

Trichromacy



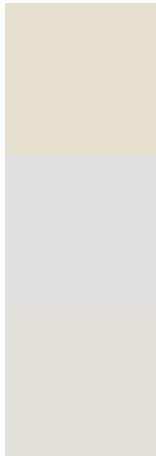
Original Color
215, 230, 207

Protanomaly
219, 231, 207

Deuteranomaly
244, 224, 208

Tritanomaly
233, 221, 226

Monochromacy



Original Color
215, 230, 207

Achromatopsia
224, 224, 224

Achromatomaly
221, 226, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 230, 207 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, 224, 207) looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 207)  
}
```

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, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 207) }
```

Border

The CSS property to change the border of an element to RYB 215, 230, 207 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, 224, 207) }
```

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

```
.border{ border-color:rgb(230, 224, 207) }
```

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

Here you see how a box with a 4 pixel rgb(230, 224, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 230, 224, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 207) }
```

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

```
.background{ background-color: rgb(230,  
224, 207) }
```

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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