

Converting Colors

`RYB(220, 230, 206)`

Have a look what the booklet for
RYB(220, 230, 206) contains.

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Color

R_YB(220, 230, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E6DDCE
RGB	230, 221, 206
RGB Percent	90%, 87%, 81%
CMY	0.0980, 0.1327, 0.1922
CMYK	0.00, 0.04, 0.10, 0.10
HSL	38°, 32%, 85%
HSV	38°, 10%, 90%
XYZ	69.6719, 73.0755, 68.8254
YIQ	221.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

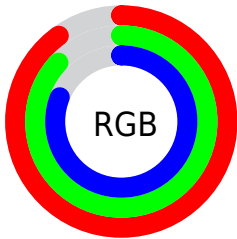
Format	Color
R _Y B	220, 230, 206
Decimal	15130062
CIE Lab	88.48, 0.47, 8.50
CIE LCh	88, 8.514, 86.864
Yxy	73.0755, 0.3293, 0.3454
Android (android.graphics.Color)	4293320142 (0xFFE6DDCE)
YUV	221.9810, -7.8786, 7.0327
Hunter-Lab	85.4842, -4.1153, 12.1032

Details

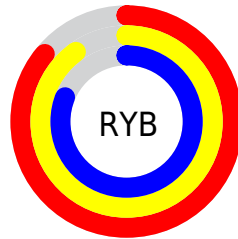
The RYB color **220, 230, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 213, 230**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 174, 152** is the 20% darker color. If you saturate the color by 10%, you get **210, 230, 183**, and if you desaturate by 10%, it is **229, 230, 229**.

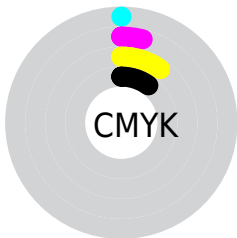
Distribution



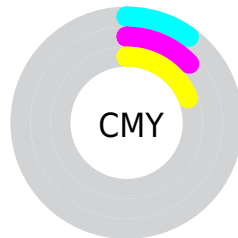
- Red (90%)
- Green (87%)
- Blue (81%)



- Red (86%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 230, 206 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 220, 230, 206 by changing the saturation by 10% instead.

■ 220, 230, 206

255, 255, 255

■ 220, 230, 206

■ 194, 202, 179

■ 165, 174, 152

■ 139, 148, 126

■ 114, 122, 101

■ 88, 97, 77

■ 65, 73, 54

■ 42, 50, 33

■ 19, 30, 10


■ 0, 0, 0

 220, 230, 206

 220, 230, 206

 210, 230, 183

 229, 230, 229

 201, 230, 160

 230, 236, 252


 191, 230, 137


 230, 240, 255


 182, 230, 114

 230, 243, 255

 172, 230, 91

 163, 230, 68

 153, 230, 45

 144, 230, 22

 135, 230, 0

Harmonies

Analogous

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



237, 225, 209



220, 230, 206



208, 224, 211

Triad

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



220, 230, 206



202, 215, 229



232, 218, 231

Complementary

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



220, 230, 206



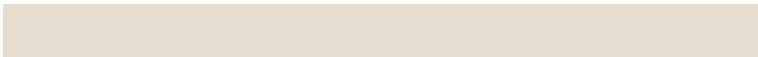
206, 213, 230

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.



223, 220, 236



220, 230, 206



205, 217, 235

Square

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



220, 230, 206



205, 218, 227



213, 220, 238



238, 217, 223

Rectangle

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



220, 230, 206



211, 225, 221



213, 220, 238



229, 219, 233

Sweetspot

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



220, 230, 206



252, 255, 247



230, 206, 215



125, 128, 122



0, 0, 0



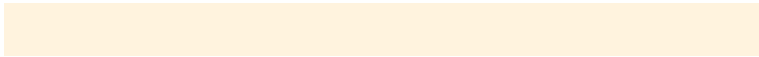
128, 128, 128

Same Dimension

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



220, 230, 206



241, 255, 222



206, 230, 209



109, 115, 103



105, 179, 0



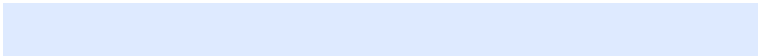
30, 51, 0

Inverse Universe

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



206, 213, 230



222, 231, 255



209, 206, 230



103, 107, 115



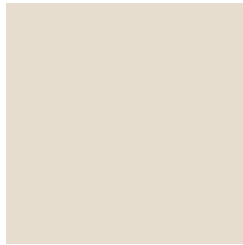
0, 48, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 220, 230, 206 looks on a white background.

Color Contrast Check

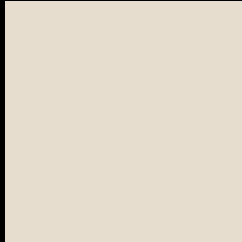
Large Text (above 18pt) WCAG AA × Fail

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 220, 230, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

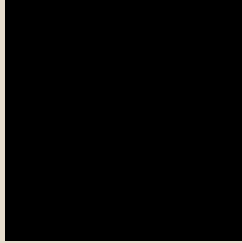
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

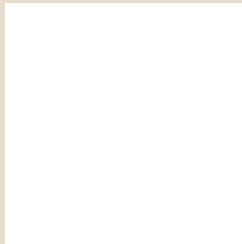
Any Text WCAG AAA ✓ Pass

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

RYB 220, 230, 206 Background



This preview shows how black text looks on a background with the RYB color 220, 230, 206.

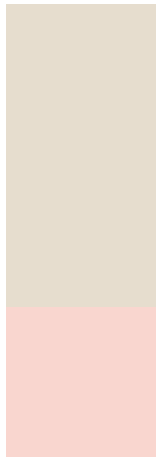


This preview shows how white text looks on a background with the RYB color 220, 230, 206.

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
220, 230, 206

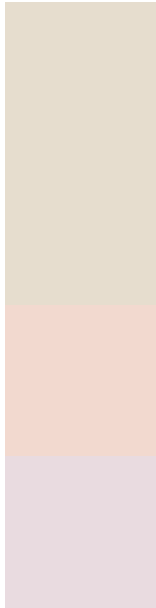
Protanopia
220, 230, 206

Deuteranopia
249, 215, 207



Tritanopia
234, 217, 234

Trichromacy



Original Color

220, 230, 206

Protanomaly

220, 230, 206

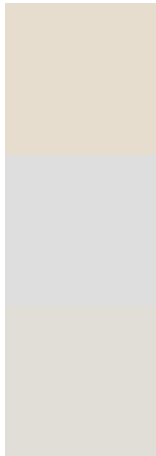
Deuteranomaly

242, 221, 207

Tritanomaly

233, 219, 224

Monochromacy



Original Color

220, 230, 206

Achromatopsia

222, 222, 222

Achromatomaly

221, 225, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 230, 206 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, 221, 206) looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 206)  
}
```

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, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 206) }
```

Border

The CSS property to change the border of an element to RYB 220, 230, 206 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, 221, 206) }
```

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

```
.border{ border-color:rgb(230, 221, 206) }
```

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

Here you see how a box with a 4 pixel rgb(230, 221, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 230, 221, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 206) }
```

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

```
.background{ background-color: rgb(230,  
221, 206) }
```

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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