

Converting Colors

`RYB(230, 213, 217)`

Have a look what the booklet for
RYB(230, 213, 217) contains.

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Color

R_YB(230, 213, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5D9
RGB	230, 213, 217
RGB Percent	90%, 84%, 85%
CMY	0.0980, 0.1647, 0.1490
CMYK	0.00, 0.07, 0.06, 0.10
HSL	346°, 25%, 87%
HSV	346°, 7%, 90%
XYZ	68.9518, 69.4212, 75.4111
YIQ	218.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

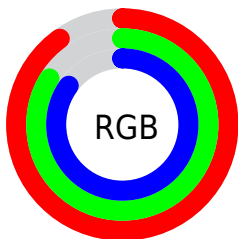
Format	Color
R _Y B	230, 213, 217
Decimal	15128025
CIE Lab	86.71, 6.54, 0.14
CIE LCh	87, 6.545, 1.210
Yxy	69.4212, 0.3225, 0.3247
Android (android.graphics.Color)	4293318105 (0xFFE6D5D9)
YUV	218.5390, -0.7587, 10.0513
Hunter-Lab	83.3194, 1.9104, 4.6611

Details

The RYB color **230, 213, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 223, 230**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 158, 162** is the 20% darker color. If you saturate the color by 10%, you get **230, 190, 199**, and if you desaturate by 10%, it is **230, 233, 236**.

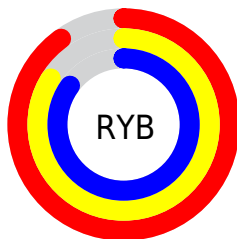
Distribution



Red (90%)

Green (84%)

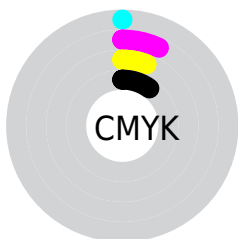
Blue (85%)



Red (90%)

Yellow (84%)

Blue (85%)

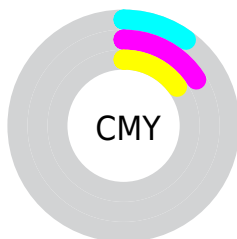


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 213, 217 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 230, 213, 217 by changing the saturation by 10% instead.

■ 230, 213, 217

255, 255, 255

■ 230, 213, 217

■ 202, 185, 189

■ 174, 158, 162

■ 148, 132, 136

■ 122, 107, 111

■ 97, 83, 86

■ 73, 60, 63


■ 51, 38, 41

■ 30, 18, 21


■ 0, 0, 0

 230, 213, 217


 230, 213, 217

 230, 190, 199


 230, 233, 236


 230, 167, 182


 230, 243, 255

 230, 144, 164

 230, 243, 255

 230, 121, 147

 230, 98, 129

 230, 75, 111

 230, 52, 94

 230, 29, 76

 230, 6, 59

Harmonies

Analogous

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



226, 214, 223



230, 213, 217



231, 213, 211

Triad

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



230, 213, 217



206, 219, 210



205, 214, 228

Complementary

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



230, 213, 217



213, 223, 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.



202, 212, 223



230, 213, 217



208, 218, 220

Square

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



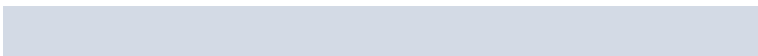
230, 213, 217



212, 222, 205



203, 213, 221



211, 216, 229

Rectangle

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



230, 213, 217



229, 216, 208



203, 213, 221



204, 213, 226

Sweetspot

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



230, 213, 217



255, 250, 251



226, 213, 230



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



230, 213, 217



255, 232, 237



230, 218, 213



115, 103, 106



179, 0, 42



51, 0, 12

Inverse Universe

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



230, 213, 217



255, 232, 237



213, 220, 230



115, 103, 106



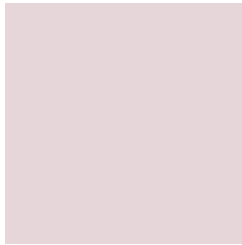
179, 0, 42



51, 0, 12

Previews

White Background



This preview shows how the RYB color 230, 213, 217 looks on a white background.

Color Contrast Check

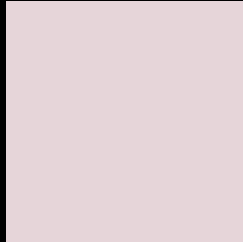
Large Text (above 18pt) WCAG AA × Fail

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 230, 213, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

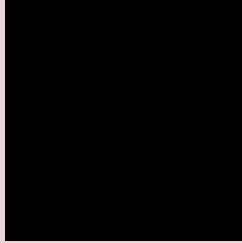
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

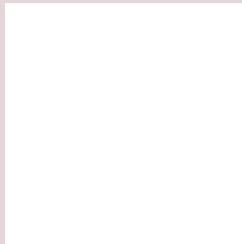
Any Text WCAG AAA ✓ Pass

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

RYB 230, 213, 217 Background



This preview shows how black text looks on a background with the RYB color 230, 213, 217.

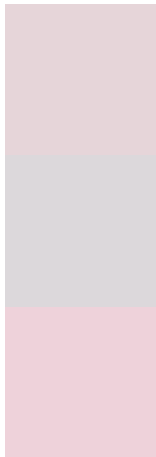


This preview shows how white text looks on a background with the RYB color 230, 213, 217.

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](#).

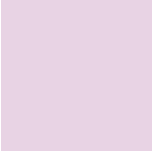
Dichromacy



Original Color
230, 213, 217

Protanopia
220, 216, 219

Deuteranopia
238, 210, 218



Tritanopia
232, 211, 228

Trichromacy



Original Color

230, 213, 217

Protanomaly

224, 215, 218

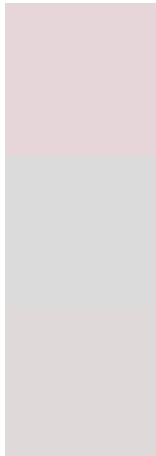
Deuteranomaly

235, 211, 218

Tritanomaly

231, 212, 224

Monochromacy



Original Color

230, 213, 217

Achromatopsia

219, 219, 219

Achromatomaly

223, 217, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 213, 217 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, 213, 217) looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 217)  
}
```

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, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 217) }
```

Border

The CSS property to change the border of an element to RYB 230, 213, 217 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, 213, 217) }
```

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

```
.border{ border-color:rgb(230, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 230, 213, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 217) }
```

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

```
.background{ background-color: rgb(230,  
213, 217) }
```

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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