

Converting Colors

RYB(230, 217, 223)

Have a look what the booklet for
RYB(230, 217, 223) contains.

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Color

R_YB(230, 217, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E6D9DF
RGB	230, 217, 223
RGB Percent	90%, 85%, 87%
CMY	0.0980, 0.1490, 0.1255
CMYK	0.00, 0.06, 0.03, 0.10
HSL	332°, 21%, 88%
HSV	332°, 6%, 90%
XYZ	70.7653, 71.7764, 79.9365
YIQ	221.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

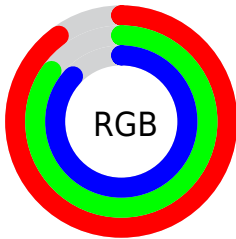
Format	Color
R _Y B	230, 217, 223
Decimal	15129055
CIE Lab	87.86, 5.50, -1.35
CIE LCh	88, 5.661, 346.177
Yxy	71.7764, 0.3181, 0.3226
Android (android.graphics.Color)	4293319135 (0xFFE6D9DF)
YUV	221.5710, 0.7045, 7.3922
Hunter-Lab	84.7210, 0.8348, 3.3629

Details

The RYB color **230, 217, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 225, 230**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 162, 168** is the 20% darker color. If you saturate the color by 10%, you get **230, 194, 211**, and if you desaturate by 10%, it is **230, 237, 240**.

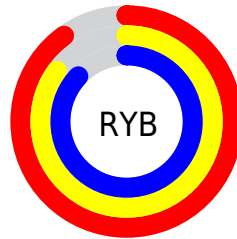
Distribution



Red (90%)

Green (85%)

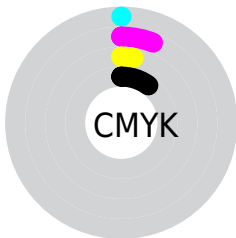
Blue (87%)



Red (90%)

Yellow (85%)

Blue (87%)

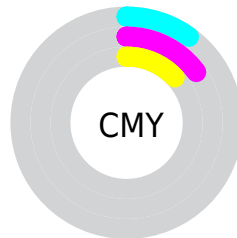


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 217, 223 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, 217, 223 by changing the saturation by 10% instead.

■ 230, 217, 223

255, 255, 255

■ 230, 217, 223

■ 202, 189, 195

■ 174, 162, 168

■ 148, 136, 141

■ 122, 111, 116

■ 97, 86, 91

■ 73, 63, 68


■ 51, 41, 46

■ 30, 21, 25


■ 0, 0, 0

 230, 217, 223


 230, 217, 223

 230, 194, 211


 230, 237, 240


 230, 171, 198


 230, 245, 255


 230, 148, 186

 230, 243, 255

 230, 125, 173

 230, 102, 161

 230, 79, 149

 230, 56, 136

 230, 33, 124

 230, 10, 112

Harmonies

Analogous

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



225, 218, 228



230, 217, 223



232, 217, 217

Triad

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



230, 217, 223



211, 222, 210



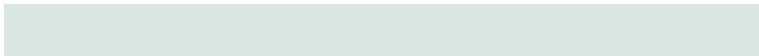
208, 217, 228

Complementary

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



230, 217, 223



217, 225, 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.



208, 216, 224



230, 217, 223



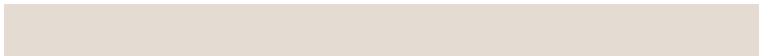
213, 222, 220

Square

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



230, 217, 223



228, 228, 210



210, 218, 223



212, 219, 231

Rectangle

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



230, 217, 223



232, 218, 214



210, 218, 223



208, 216, 226

Sweetspot

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



230, 217, 223



255, 250, 252



224, 217, 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, 217, 223



255, 237, 245



230, 217, 217



115, 106, 110



179, 0, 82



51, 0, 24

Inverse Universe

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



230, 217, 223



255, 237, 245



217, 224, 230



115, 106, 110



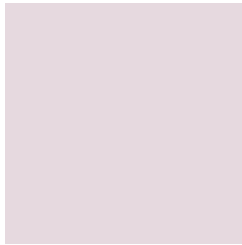
179, 0, 82



51, 0, 24

Previews

White Background



This preview shows how the RYB color 230, 217, 223 looks on a white background.

Color Contrast Check

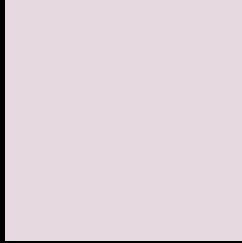
Large Text (above 18pt) WCAG AA × Fail

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, 217, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

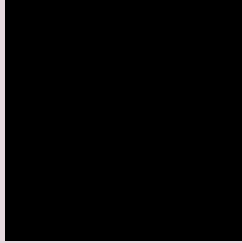
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

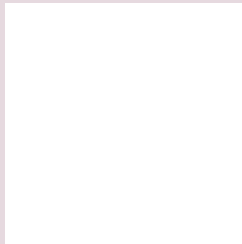
Any Text WCAG AAA ✓ Pass

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

RYB 230, 217, 223 Background



This preview shows how black text looks on a background with the RYB color 230, 217, 223.

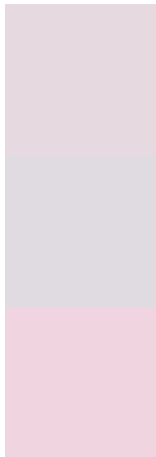


This preview shows how white text looks on a background with the RYB color 230, 217, 223.

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](#).

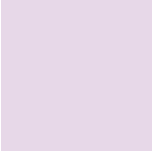
Dichromacy



Original Color
230, 217, 223

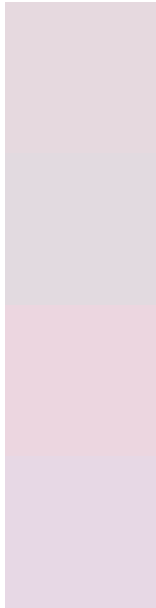
Protanopia
223, 219, 224

Deuteranopia
240, 213, 224



Tritanopia
231, 216, 232

Trichromacy



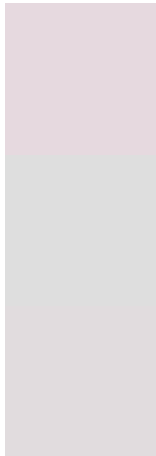
Original Color
230, 217, 223

Protanomaly
226, 218, 224

Deuteranomaly
236, 214, 224

Tritanomaly
231, 216, 229

Monochromacy



Original Color
230, 217, 223

Achromatopsia
222, 222, 222

Achromatomaly
225, 220, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 217, 223 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, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 217, 223)  
}
```

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, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 217, 223) }
```

Border

The CSS property to change the border of an element to RYB 230, 217, 223 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, 217, 223) }
```

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

```
.border{ border-color:rgb(230, 217, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 217,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 230, 217, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 217, 223) }
```

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

```
.background{ background-color: rgb(230,  
217, 223) }
```

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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