

Converting Colors

`RYB(230, 207, 230)`

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

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Color

R_YB(230, 207, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E6CFE6
RGB	230, 207, 230
RGB Percent	90%, 81%, 90%
CMY	0.0980, 0.1882, 0.0980
CMYK	0.00, 0.10, 0.00, 0.10
HSL	300°, 32%, 86%
HSV	300°, 10%, 90%
XYZ	69.2289, 67.1618, 84.1777
YIQ	216.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

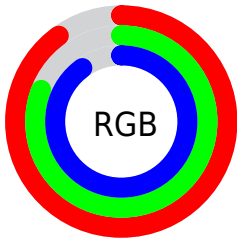
Format	Color
R _Y B	230, 207, 230
Decimal	15126502
CIE Lab	85.59, 12.00, -8.41
CIE LCh	86, 14.655, 324.972
Yxy	67.1618, 0.3139, 0.3045
Android (android.graphics.Color)	4293316582 (0xFFE6CFE6)
YUV	216.4990, 6.6560, 11.8404
Hunter-Lab	81.9523, 7.3706, -3.5334

Details

The RYB color **230, 207, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 230, 230**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 153, 175** is the 20% darker color. If you saturate the color by 10%, you get **230, 184, 230**, and if you desaturate by 10%, it is **230, 230, 230**.

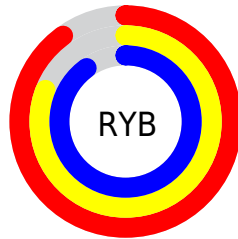
Distribution



Red (90%)

Green (81%)

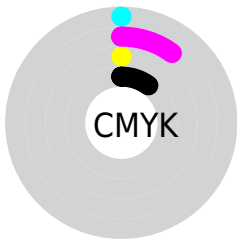
Blue (90%)



Red (90%)

Yellow (81%)

Blue (90%)

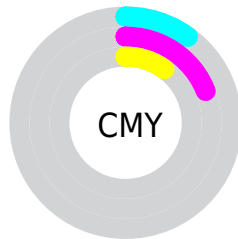


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients


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

 230, 207, 230


 230, 207, 230

255, 255, 255

 202, 179, 202

 174, 153, 175

 148, 127, 148

 122, 102, 122

 97, 78, 97

 73, 55, 73


 50, 33, 51

 29, 12, 30


 0, 0, 2

 230, 207, 230


 230, 207, 230

 230, 184, 230


 230, 230, 230


 230, 161, 230


 230, 253, 253

 230, 138, 230


 230, 255, 255

 230, 115, 230

 230, 92, 230

 230, 69, 230

 230, 46, 230

 230, 23, 230

 230, 0, 230

Harmonies

Analogous

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



214, 211, 239



230, 207, 230



241, 205, 217

Triad

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



230, 207, 230



213, 228, 187



179, 201, 225

Complementary

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



230, 207, 230



207, 230, 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.



184, 206, 222



230, 207, 230



189, 217, 193

Square

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



230, 207, 230



239, 216, 192



197, 219, 220



183, 205, 236

Rectangle

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



230, 207, 230



244, 205, 207



197, 219, 220



179, 201, 222

Sweetspot

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



230, 207, 230



255, 247, 255



207, 207, 230



128, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 207, 230



255, 224, 255



230, 207, 219



115, 103, 115



179, 0, 179



51, 0, 51

Inverse Universe

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



230, 207, 230



255, 224, 255



207, 222, 230



115, 103, 115



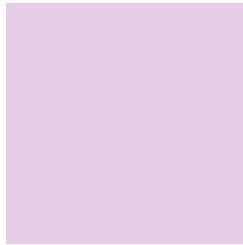
179, 0, 179



51, 0, 51

Previews

White Background



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

Color Contrast Check

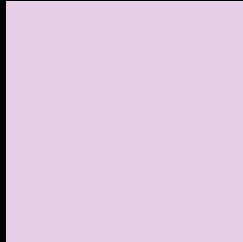
Large Text (above 18pt) WCAG AA × Fail

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, 207, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

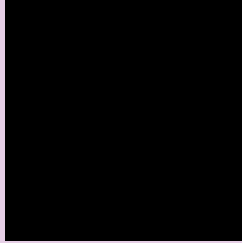
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

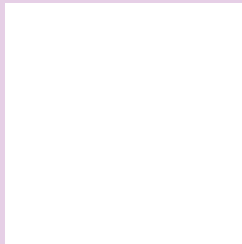
Any Text WCAG AAA ✓ Pass

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

RYB 230, 207, 230 Background



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



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

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, 207, 230

Protanopia
212, 213, 233

Deuteranopia
228, 208, 230



Tritanopia
229, 208, 224

Trichromacy



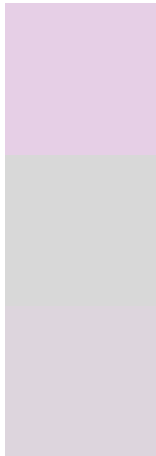
Original Color
230, 207, 230

Protanomaly
219, 211, 232

Deuteranomaly
229, 208, 230

Tritanomaly
229, 208, 226

Monochromacy



Original Color
230, 207, 230

Achromatopsia
216, 216, 216

Achromatomaly
221, 213, 221

CSS Examples

Text

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

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

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, 207, 230) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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