

Converting Colors

`RYB(230, 207, 231)`

Have a look what the booklet for
RYB(230, 207, 231) contains.

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Color

R_YB(230, 207, 231)

Conversions

Conversions Part 1

Format	Color
Hex	E6CFE7
RGB	230, 207, 231
RGB Percent	90%, 81%, 91%
CMY	0.0980, 0.1882, 0.0941
CMYK	0.00, 0.10, 0.00, 0.09
HSL	298°, 33%, 86%
HSV	298°, 10%, 91%
XYZ	69.3698, 67.2182, 84.9195
YIQ	216.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

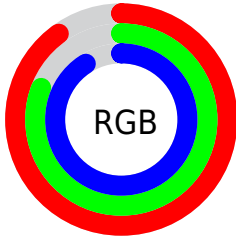
Format	Color
R_{YB}	230, 207, 231
Decimal	15126503
CIE _{Lab}	85.61, 12.18, -8.90
CIE _{LCh}	86, 15.087, 323.850
Yxy	67.2182, 0.3132, 0.3035
Android (android.graphics.Color)	4293316583 (0xFFE6CFE7)
YUV	216.6130, 7.0928, 11.7404
Hunter-Lab	81.9867, 7.5539, -4.0203

Details

The RYB color **230, 207, 231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 231, 230**, and the grayscale version is **217, 217, 217**.

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 **229, 184, 231**, and if you desaturate by 10%, it is **231, 230, 231**.

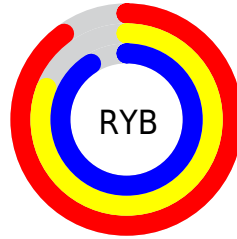
Distribution



Red (90%)

Green (81%)

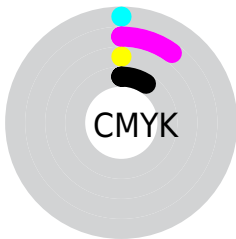
Blue (91%)



Red (90%)

Yellow (81%)

Blue (91%)

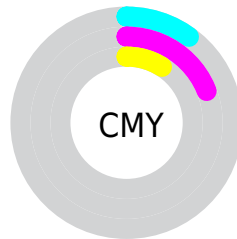


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 207, 231 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, 231 by changing the saturation by 10% instead.

 230, 207, 231


 230, 207, 231

255, 255, 255

 202, 179, 203


 174, 153, 175

 148, 127, 149

 122, 102, 123

 97, 78, 98

 73, 55, 74

 50, 33, 52


 29, 12, 31

 0, 0, 3


 230, 207, 231

 230, 207, 231


 229, 184, 231


 231, 230, 231


 228, 161, 231

 231, 253, 252


 227, 138, 231


 231, 255, 253


 226, 115, 231

 231, 255, 252


 225, 91, 231

 231, 255, 251


 224, 68, 231


 231, 255, 250


 223, 45, 231

 231, 255, 249

 222, 22, 231

 231, 255, 248

 221, 0, 231

 231, 255, 247

Harmonies

Analogous

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



213, 211, 240



230, 207, 231



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, 231



214, 229, 186



178, 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, 231



207, 231, 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, 207, 222



230, 207, 231



188, 217, 192

Square

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



230, 207, 231



240, 217, 191



197, 220, 220



182, 204, 236

Rectangle

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



230, 207, 231



245, 204, 208



197, 220, 220



179, 202, 223

Sweetspot

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



230, 207, 231



255, 247, 255



207, 208, 231



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 207, 231



254, 224, 255



231, 207, 220



114, 103, 115



171, 0, 179



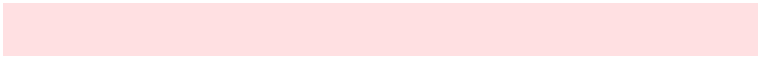
49, 0, 51

Inverse Universe

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



231, 207, 208



255, 224, 226



207, 223, 231



115, 103, 104



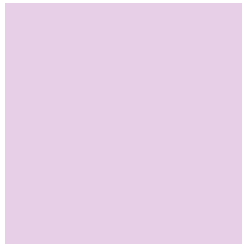
179, 0, 7



51, 0, 2

Previews

White Background



This preview shows how the RYB color 230, 207, 231 looks on a white background.

Color Contrast Check

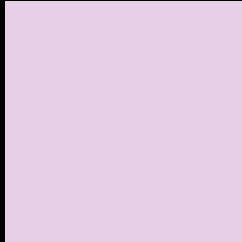
Large Text (above 18pt) WCAG AA × Fail

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, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

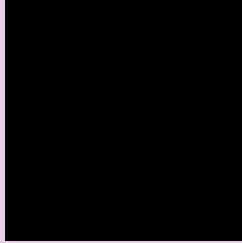
Any Text WCAG AA ✓ Pass

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, 231 Background



This preview shows how black text looks on a background with the RYB color 230, 207, 231.



This preview shows how white text looks on a background with the RYB color 230, 207, 231.

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](#).

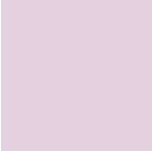
Dichromacy



Original Color
[230](#), [207](#), [231](#)

Protanopia
[212](#), [213](#), [234](#)

Deuteranopia
[227](#), [208](#), [231](#)



Tritanopia
229, 208, 224

Trichromacy



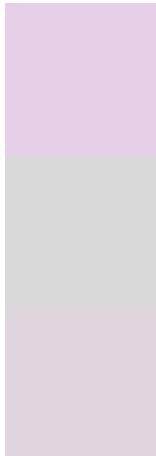
Original Color
230, 207, 231

Protanomaly
219, 211, 233

Deuteranomaly
228, 208, 231

Tritanomaly
229, 208, 227

Monochromacy



Original Color
230, 207, 231

Achromatopsia
217, 217, 217

Achromatomaly
222, 213, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 207, 231 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, 231) looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 231) }
```

Border

The CSS property to change the border of an element to RYB 230, 207, 231 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, 231) }
```

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

```
.border{ border-color:rgb(230, 207, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 230, 207, 231 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, 231) }
```

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

```
.background{ background-color: rgb(230,  
207, 231) }
```

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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