

Converting Colors

`RYB(230, 207, 223)`

Have a look what the booklet for
RYB(230, 207, 223) contains.

RYB(230, 207, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(230, 207, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	E6CFDF
RGB	230, 207, 223
RGB Percent	90%, 81%, 87%
CMY	0.0980, 0.1882, 0.1255
CMYK	0.00, 0.10, 0.03, 0.10
HSL	318°, 32%, 86%
HSV	318°, 10%, 90%
XYZ	68.2652, 66.7764, 79.1032
YIQ	215.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

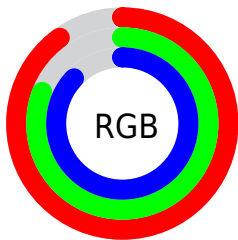
Format	Color
R _Y B	230, 207, 223
Decimal	15126495
CIE Lab	85.39, 10.74, -4.98
CIE LCh	85, 11.841, 335.120
Yxy	66.7764, 0.3188, 0.3118
Android (android.graphics.Color)	4293316575 (0xFFE6CFDF)
YUV	215.7010, 3.5984, 12.5402
Hunter-Lab	81.7168, 6.1124, -0.1919

Details

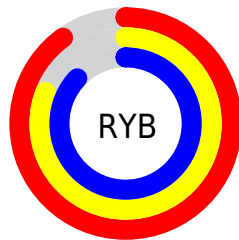
The RYB color **230, 207, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 225, 230**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 153, 168** is the 20% darker color. If you saturate the color by 10%, you get **230, 184, 216**, and if you desaturate by 10%, it is **230, 230, 230**.

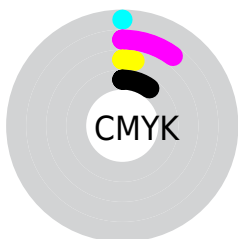
Distribution



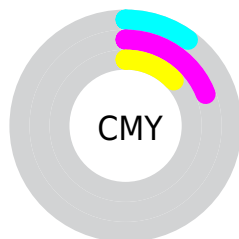
- Red (90%)
- Green (81%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 207, 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, 207, 223 by changing the saturation by 10% instead.

■ 230, 207, 223

255, 255, 255

■ 230, 207, 223

■ 202, 179, 195

■ 174, 153, 168

■ 148, 127, 141

■ 122, 102, 116

■ 97, 78, 91

■ 73, 55, 68


■ 50, 33, 46

■ 30, 12, 25


■ 0, 0, 0

 230, 207, 223


 230, 207, 223

 230, 184, 216


 230, 230, 230

 230, 161, 209


 230, 248, 253

 230, 138, 202


 230, 246, 255


 230, 115, 195


 230, 244, 255

 230, 92, 188

 230, 243, 255

 230, 69, 181

 230, 46, 174

 230, 23, 167

 230, 0, 160

Harmonies

Analogous

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



218, 210, 232



230, 207, 223



237, 206, 212

Triad

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



230, 207, 223



202, 221, 191



186, 204, 226

Complementary

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



230, 207, 223



207, 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.



187, 205, 220



230, 207, 223



195, 217, 204

Square

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



230, 207, 223



231, 224, 193



196, 213, 219



192, 208, 233

Rectangle

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



230, 207, 223



238, 206, 204



196, 213, 219



185, 203, 222

Sweetspot

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



230, 207, 223



255, 247, 253



214, 207, 230



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



230, 207, 223



255, 224, 246



230, 207, 212



115, 103, 111



179, 0, 124



51, 0, 35

Inverse Universe

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



230, 207, 223



255, 224, 246



207, 220, 230



115, 103, 111



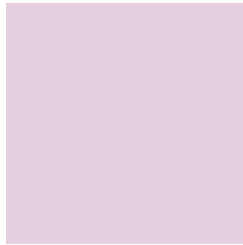
179, 0, 124



51, 0, 35

Previews

White Background



This preview shows how the RYB color 230, 207, 223 looks on a white background.

Color Contrast Check

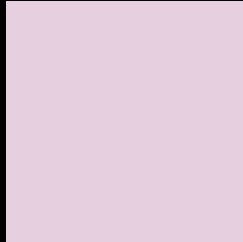
Large Text (above 18pt) WCAG AA × Fail

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, 207, 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

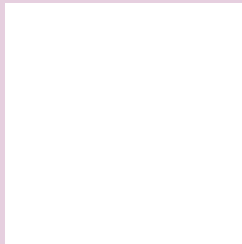
Any Text WCAG AAA ✓ Pass

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

RYB 230, 207, 223 Background



This preview shows how black text looks on a background with the RYB color 230, 207, 223.



This preview shows how white text looks on a background with the RYB color 230, 207, 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, 207, 223

Protanopia

214, 212, 226

Deuteranopia

230, 207, 223



Tritanopia
230, 207, 223

Trichromacy



Original Color

230, 207, 223

Protanomaly

220, 210, 225

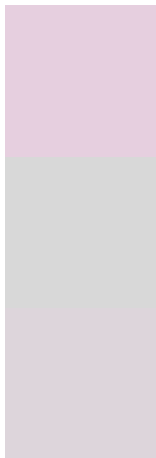
Deuteranomaly

230, 207, 223

Tritanomaly

230, 207, 223

Monochromacy



Original Color

230, 207, 223

Achromatopsia

216, 216, 216

Achromatomaly

221, 213, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 207, 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, 207, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 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, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 223) }
```

Border

The CSS property to change the border of an element to RYB 230, 207, 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, 207, 223) }
```

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

```
.border{ border-color:rgb(230, 207, 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, 207, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 230, 207, 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, 207, 223) }
```

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

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