

Converting Colors

RGB(227, 207, 230)

Have a look what the booklet for
RGB(227, 207, 230) contains.

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Color

RGB(227, 207, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E3CFE6
RGB	227, 207, 230
RGB Percent	89%, 81%, 90%
CMY	0.1098, 0.1882, 0.0980
CMYK	0.01, 0.10, 0.00, 0.10
HSL	292°, 32%, 86%
HSV	292°, 10%, 90%
XYZ	68.2743, 66.6697, 84.1330
YIQ	215.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

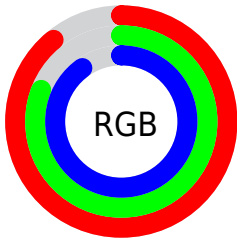
Format	Color
R _Y B	227, 207, 230
Decimal	14929894
CIE Lab	85.34, 11.00, -8.81
CIE LCh	85, 14.088, 321.303
Yxy	66.6697, 0.3116, 0.3043
Android (android.graphics.Color)	4293119974 (0xFFE3CFE6)
YUV	215.6020, 7.0982, 9.9960
Hunter-Lab	81.6515, 6.3656, -3.9358

Details

The RGB color **227, 207, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 230, 207**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 153, 175** is the 20% darker color. If you saturate the color by 10%, you get **224, 184, 230**, and if you desaturate by 10%, it is **230, 230, 230**.

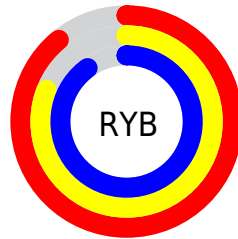
Distribution



Red (89%)

Green (81%)

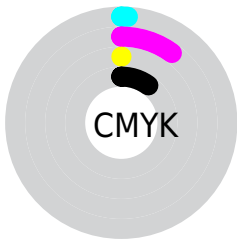
Blue (90%)



Red (89%)

Yellow (81%)

Blue (90%)

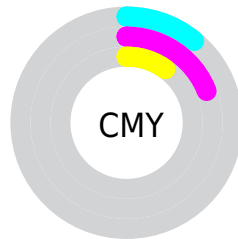


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 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 RGB color 227, 207, 230 by changing the saturation by 10% instead.

■ 227, 207, 230

255, 255, 255

■ 227, 207, 230

■ 199, 179, 202

■ 172, 153, 175

■ 145, 127, 148

■ 119, 102, 122

■ 94, 78, 97

■ 71, 55, 73


■ 48, 33, 51

■ 28, 12, 30


■ 0, 0, 2

 227, 207, 230

 227, 207, 230

 224, 184, 230


 230, 230, 230

 221, 161, 230

 233, 253, 230

 218, 138, 230

 236, 255, 230

 215, 115, 230

 239, 255, 230

 212, 92, 230


 242, 255, 230

 209, 69, 230

 245, 255, 230

 206, 46, 230

 248, 255, 230

 203, 23, 230

 251, 255, 230

 200, 0, 230

 254, 255, 230

Harmonies

Analogous

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



211, 211, 238



227, 207, 230



238, 205, 218

Triad

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



227, 207, 230



228, 211, 187



180, 221, 222

Complementary

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



227, 207, 230



210, 230, 207

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.



186, 221, 209



227, 207, 230



214, 215, 188

Square

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



227, 207, 230



238, 207, 193



198, 219, 196



183, 219, 233

Rectangle

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



227, 207, 230



242, 204, 209



198, 219, 196



181, 221, 218

Sweetspot

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



227, 207, 230



254, 247, 255



207, 210, 230



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 207, 230



251, 224, 255



230, 207, 222



113, 103, 115



155, 0, 179



44, 0, 51

Inverse Universe

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



230, 207, 210



255, 224, 228



207, 230, 215



115, 103, 105



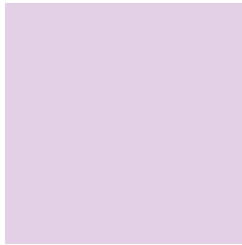
179, 0, 23



51, 0, 7

Previews

White Background



This preview shows how the RGB color 227, 207, 230 looks on a white background.

Color Contrast Check

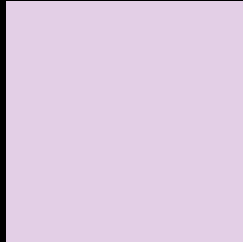
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 227, 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

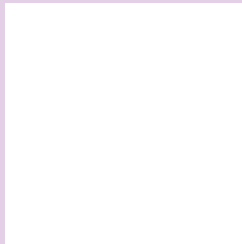
Any Text WCAG AAA ✓ Pass

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

RGB 227, 207, 230 Background



This preview shows how black text looks on a background with the RGB color 227, 207, 230.



This preview shows how white text looks on a background with the RGB color 227, 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
227, 207, 230

Protanopia
211, 212, 233

Deuteranopia
226, 207, 230



Tritanopia
226, 208, 224

Trichromacy



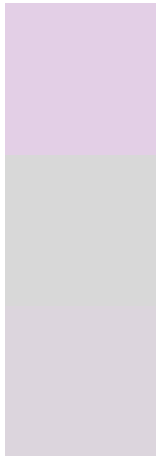
Original Color
227, 207, 230

Protanomaly
217, 210, 232

Deuteranomaly
226, 207, 230

Tritanomaly
226, 208, 226

Monochromacy



Original Color
227, 207, 230

Achromatopsia
216, 216, 216

Achromatomaly
220, 213, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 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(227, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 230) }
```

Border

The CSS property to change the border of an element to RGB 227, 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(227, 207, 230) }
```

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

```
.border{ border-color:rgb(227, 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(227, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 227, 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(227, 207, 230) }
```

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

```
.background{ background-color: rgb(227,  
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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