

Converting Colors

RGB(230, 185, 227)

Have a look what the booklet for
RGB(230, 185, 227) contains.

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Color

RGB(230, 185, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E6B9E3
RGB	230, 185, 227
RGB Percent	90%, 73%, 89%
CMY	0.0980, 0.2745, 0.1098
CMYK	0.00, 0.20, 0.01, 0.10
HSL	304°, 47%, 81%
HSV	304°, 20%, 90%
XYZ	63.8472, 57.0670, 80.3230
YIQ	203.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

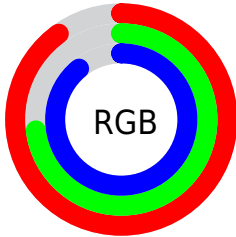
Format	Color
R _{YB}	230, 185, 227
Decimal	15120867
CIE Lab	80.22, 23.17, -14.82
CIE LCh	80, 27.502, 327.390
Yxy	57.0670, 0.3173, 0.2836
Android (android.graphics.Color)	4293310947 (0xFFE6B9E3)
YUV	203.2430, 11.7122, 23.4659
Hunter-Lab	75.5427, 18.6651, -10.1619

Details

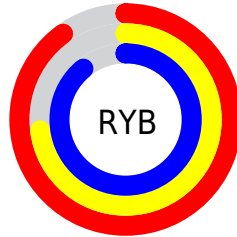
The RGB color **230, 185, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 230, 188**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 241, 255**, and **174, 132, 172** is the 20% darker color. If you saturate the color by 10%, you get **230, 162, 225**, and if you desaturate by 10%, it is **230, 208, 229**.

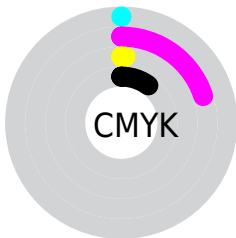
Distribution



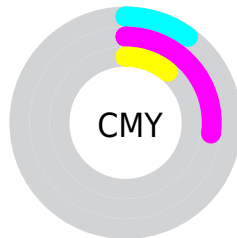
- Red (90%)
- Green (73%)
- Blue (89%)



- Red (90%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (10%)




- Cyan (10%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 185, 227 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 230, 185, 227 by changing the saturation by 10% instead.

 230, 185, 227

255, 255, 255


 255, 241, 255

 230, 185, 227


 202, 158, 199


 174, 132, 172


 147, 106, 145

 121, 82, 119


 96, 58, 95


 71, 36, 71


 48, 14, 48

 31, 0, 28


 0, 0, 0

 230, 185, 227


 230, 185, 227


 230, 162, 225


 230, 208, 229

 230, 139, 224


 230, 231, 230

 230, 116, 222


 230, 254, 232

 230, 93, 221

 230, 255, 233

 230, 70, 219

 230, 255, 235

 230, 47, 218

 230, 255, 236

 230, 24, 216

 230, 255, 238

 230, 1, 215

 230, 255, 239

 230, 0, 215

 230, 255, 241

Harmonies

Analogous

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



200, 193, 244



230, 185, 227



248, 181, 202

Triad

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



230, 185, 227



220, 196, 148



124, 213, 222

Complementary

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



230, 185, 227



185, 230, 188

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.



137, 213, 196



230, 185, 227



193, 205, 153

Square

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



230, 185, 227



241, 188, 157



163, 210, 171



134, 209, 241

Rectangle

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



230, 185, 227



252, 181, 185



163, 210, 171



126, 213, 213

Sweetspot

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



230, 185, 227



255, 240, 254



188, 185, 230



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



230, 185, 227



255, 196, 251



230, 185, 205



115, 103, 114



179, 0, 167



51, 0, 48

Inverse Universe

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



230, 185, 227



255, 196, 251



185, 230, 211



115, 103, 114



179, 0, 167



51, 0, 48

Previews

White Background



This preview shows how the RGB color 230, 185, 227 looks on a white background.

Color Contrast Check

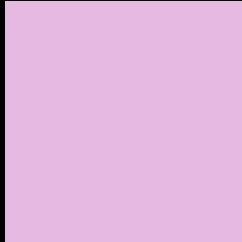
Large Text (above 18pt) WCAG AA × Fail

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 230, 185, 227 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 230, 185, 227 Background



This preview shows how black text looks on a background with the RGB color 230, 185, 227.



This preview shows how white text looks on a background with the RGB color 230, 185, 227.

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, 185, 227

Protanopia
192, 197, 235

Deuteranopia
206, 194, 225



Tritanopia
227, 189, 204

Trichromacy



Original Color

230, 185, 227



Protanomaly

206, 193, 232



Deuteranomaly

215, 191, 226



Tritanomaly

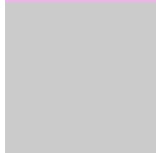
228, 188, 212

Monochromacy



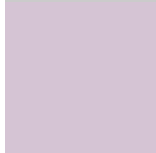
Original Color

230, 185, 227



Achromatopsia

203, 203, 203



Achromatomaly

213, 196, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 185, 227 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, 185, 227) looks like.

```
.text, #text, p{  
    color:rgb(230, 185, 227)  
}
```

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, 185, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 185, 227) }
```

Border

The CSS property to change the border of an element to RGB 230, 185, 227 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, 185, 227) }
```

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

```
.border{ border-color:rgb(230, 185, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 185, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 185, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 185, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 185,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 230, 185, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 185, 227) }
```

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

```
.background{ background-color: rgb(230,  
185, 227) }
```

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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