

Converting Colors

RGB(223, 177, 235)

Have a look what the booklet for
RGB(223, 177, 235) contains.

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Color

RGB(223, 177, 235)

Conversions

Conversions Part 1

Format	Color
Hex	DFB1EB
RGB	223, 177, 235
RGB Percent	87%, 69%, 92%
CMY	0.1255, 0.3059, 0.0784
CMYK	0.05, 0.25, 0.00, 0.08
HSL	288°, 59%, 81%
HSV	288°, 25%, 92%
XYZ	61.1490, 53.1304, 85.6296
YIQ	197.3660, 8.7980, 27.7900

Conversions

Conversions Part 2

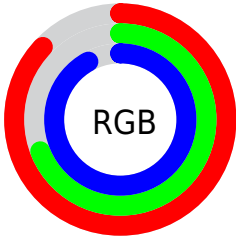
Format	Color
R_{YB}	223, 177, 235
Decimal	14660075
CIE _{Lab}	77.95, 26.67, -22.62
CIE _{LCh}	78, 34.975, 319.698
Yxy	53.1304, 0.3059, 0.2658
Android (android.graphics.Color)	4292850155 (0xFFDFB1EB)
YUV	197.3660, 18.5536, 22.4810
Hunter-Lab	72.8906, 22.1876, -18.6286

Details

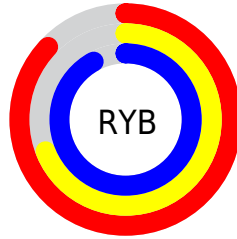
The RGB color **223, 177, 235** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **189, 235, 177**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 233, 255**, and **167, 124, 179** is the 20% darker color. If you saturate the color by 10%, you get **218, 154, 235**, and if you desaturate by 10%, it is **228, 201, 235**.

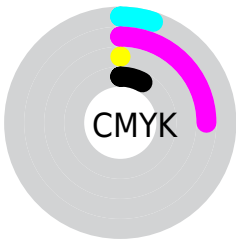
Distribution



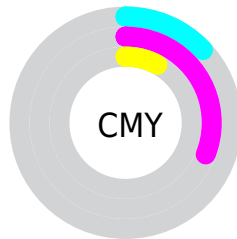
- Red (87%)
- Green (69%)
- Blue (92%)



- Red (87%)
- Yellow (69%)
- Blue (92%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 177, 235 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 223, 177, 235 by changing the saturation by 10% instead.

 223, 177, 235


255, 255, 255


 255, 233, 255

 223, 177, 235

 195, 150, 207

 167, 124, 179

 140, 99, 152

 114, 74, 126

 89, 51, 101

 65, 28, 77


 42, 6, 54

 20, 0, 33

 0, 0, 5

 223, 177, 235

 223, 177, 235

 218, 154, 235

 228, 201, 235

 213, 130, 235

 233, 224, 235

 208, 107, 235

 238, 248, 235

 204, 83, 235

 242, 255, 235

 199, 60, 235

 247, 255, 235

 194, 36, 235

 252, 255, 235

 189, 13, 235

 255, 255, 235

 186, 0, 235

Harmonies

Analogous

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



181, 188, 254



223, 177, 235



249, 169, 205

Triad

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



223, 177, 235



225, 187, 129



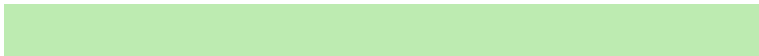
87, 210, 213

Complementary

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



223, 177, 235



189, 235, 177

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.



118, 210, 180



223, 177, 235



193, 197, 131

Square

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



223, 177, 235



248, 176, 145



156, 205, 150



91, 207, 241

Rectangle

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



223, 177, 235



255, 168, 183



156, 205, 150



95, 211, 202

Sweetspot

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



223, 177, 235



251, 237, 255



177, 190, 235



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 177, 235



239, 179, 255



235, 177, 219



115, 106, 117



144, 0, 181



42, 0, 54

Inverse Universe

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



235, 177, 189



255, 179, 194



177, 235, 193



117, 106, 108



181, 0, 37



54, 0, 11

Previews

White Background



This preview shows how the RGB color 223, 177, 235 looks on a white background.

Color Contrast Check

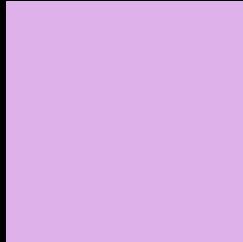
Large Text (above 18pt) WCAG AA × Fail

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 223, 177, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

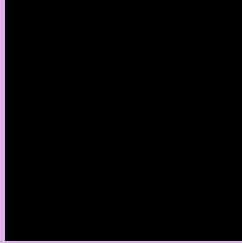
Any Text WCAG AA ✓ Pass

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 223, 177, 235 Background



This preview shows how black text looks on a background with the RGB color 223, 177, 235.



This preview shows how white text looks on a background with the RGB color 223, 177, 235.

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
223, 177, 235

Protanopia
179, 191, 245

Deuteranopia
192, 189, 233



Tritanopia
218, 184, 198

Trichromacy



Original Color

223, 177, 235



Protanomaly

195, 186, 241



Deuteranomaly

203, 185, 234



Tritanomaly

220, 181, 211

Monochromacy



Original Color

223, 177, 235



Achromatopsia

197, 197, 197



Achromatomaly

206, 190, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 177, 235 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(223, 177, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 235)  
}
```

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(223, 177, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 235) }
```

Border

The CSS property to change the border of an element to RGB 223, 177, 235 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(223, 177, 235) }
```

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

```
.border{ border-color:rgb(223, 177, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 223, 177, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 235) }
```

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

```
.background{ background-color: rgb(223,  
177, 235) }
```

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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