

Converting Colors

RGB(224, 176, 231)

Have a look what the booklet for
RGB(224, 176, 231) contains.

RGB(224, 176, 231)	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

RGB(224, 176, 231)

Conversions

Conversions Part 1

Format	Color
Hex	E0B0E7
RGB	224, 176, 231
RGB Percent	88%, 69%, 91%
CMY	0.1216, 0.3098, 0.0941
CMYK	0.03, 0.24, 0.00, 0.09
HSL	292°, 53%, 80%
HSV	292°, 24%, 91%
XYZ	60.6896, 52.6675, 82.5685
YIQ	196.6220, 10.9530, 27.2810

Conversions

Conversions Part 2

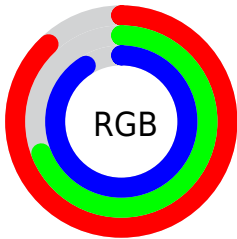
Format	Color
R_{YB}	224, 176, 231
Decimal	14725351
CIE _{Lab}	77.68, 26.77, -20.87
CIE _{LCh}	78, 33.942, 322.063
Yxy	52.6675, 0.3098, 0.2688
Android (android.graphics.Color)	4292915431 (0xFFE0B0E7)
YUV	196.6220, 16.9484, 24.0105
Hunter-Lab	72.5724, 22.2714, -16.6559

Details

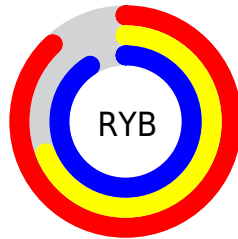
The RGB color **224, 176, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183, 231, 176**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 232, 255**, and **168, 123, 175** is the 20% darker color. If you saturate the color by 10%, you get **221, 153, 231**, and if you desaturate by 10%, it is **227, 199, 231**.

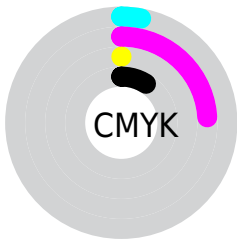
Distribution



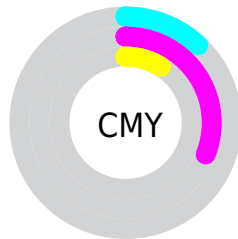
- Red (88%)
- Green (69%)
- Blue (91%)



- Red (88%)
- Yellow (69%)
- Blue (91%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)




- Cyan (12%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 224, 176, 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 RGB color 224, 176, 231 by changing the saturation by 10% instead.

 224, 176, 231


 224, 176, 231

255, 255, 255

 196, 149, 203

 255, 232, 255

 168, 123, 175


 141, 98, 149

 115, 73, 123


 90, 50, 98


 66, 27, 74


 43, 5, 51

 21, 0, 30

 0, 0, 0

 224, 176, 231

 224, 176, 231

 221, 153, 231

 227, 199, 231

 218, 130, 231

 230, 222, 231

 215, 107, 231


 233, 245, 231

 212, 84, 231


 236, 255, 231

 209, 60, 231

 239, 255, 231

 206, 37, 231

 242, 255, 231

 203, 14, 231

 245, 255, 231

 202, 0, 231

 248, 255, 231

 250, 255, 231

Harmonies

Analogous

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



185, 187, 250



224, 176, 231



248, 169, 202

Triad

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



224, 176, 231



222, 187, 130



90, 209, 214

Complementary

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



224, 176, 231



183, 231, 176

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.



117, 209, 182



224, 176, 231



190, 197, 133

Square

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



224, 176, 231



245, 177, 144



154, 205, 152



98, 205, 241

Rectangle

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



224, 176, 231



255, 168, 180



154, 205, 152



97, 209, 204

Sweetspot

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



224, 176, 231



253, 237, 255



176, 183, 231



126, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 176, 231



246, 181, 255



231, 176, 211



113, 103, 115



156, 0, 179



45, 0, 51

Inverse Universe

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



231, 176, 183



255, 181, 190



176, 231, 196



115, 103, 105



179, 0, 23



51, 0, 6

Previews

White Background



This preview shows how the RGB color 224, 176, 231 looks on a white background.

Color Contrast Check

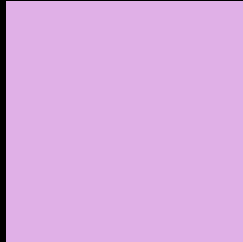
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 224, 176, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

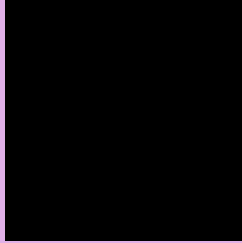
Any Text WCAG AA ✓ Pass

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](#).

RGB 224, 176, 231 Background



This preview shows how black text looks on a background with the RGB color 224, 176, 231.

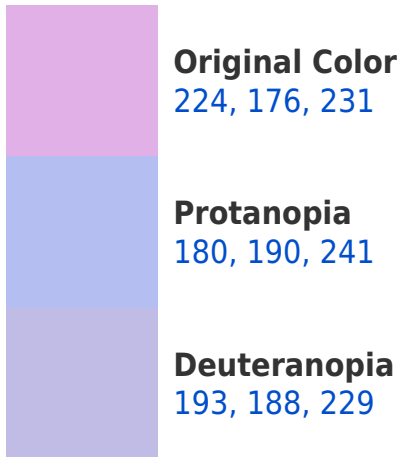



This preview shows how white text looks on a background with the RGB color 224, 176, 231.

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





Tritanopia
219, 182, 197

Trichromacy



Original Color

224, 176, 231



Protanomaly

196, 185, 237



Deuteranomaly

204, 184, 230



Tritanomaly

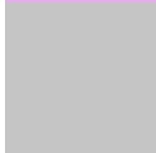
221, 180, 209

Monochromacy



Original Color

224, 176, 231



Achromatopsia

197, 197, 197



Achromatomaly

207, 189, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 176, 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(224, 176, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 176, 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(224, 176, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 176, 231) }
```

Border

The CSS property to change the border of an element to RGB 224, 176, 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(224, 176, 231) }
```

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

```
.border{ border-color:rgb(224, 176, 231) }
```

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

Here you see how a box with a 4 pixel rgb(224, 176, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 176, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 176, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 176,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 224, 176, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 176, 231) }
```

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

```
.background{ background-color: rgb(224,  
176, 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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