

Converting Colors

RGB(224, 164, 230)

Have a look what the booklet for
RGB(224, 164, 230) contains.

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Color

RGB(224, 164, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E0A4E6
RGB	224, 164, 230
RGB Percent	88%, 64%, 90%
CMY	0.1216, 0.3569, 0.0980
CMYK	0.03, 0.29, 0.00, 0.10
HSL	295°, 57%, 77%
HSV	295°, 29%, 90%
XYZ	58.2989, 48.1114, 81.0767
YIQ	189.4640, 14.5740, 33.2460

Conversions

Conversions Part 2

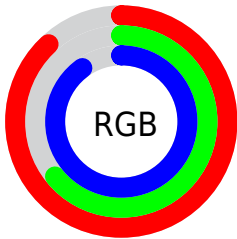
Format	Color
R_{YB}	224, 164, 230
Decimal	14722278
CIE _{Lab}	74.90, 33.04, -24.56
CIE _{LCh}	75, 41.166, 323.371
Yxy	48.1114, 0.3109, 0.2566
Android (android.graphics.Color)	4292912358 (0xFFE0A4E6)
YUV	189.4640, 19.9842, 30.2881
Hunter-Lab	69.3624, 28.6445, -20.7495

Details

The RGB color `224, 164, 230` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `170, 230, 164`, and the grayscale version is `189, 189, 189`.

A 20% lighter version of the original color is `255, 220, 255`, and `168, 111, 174` is the 20% darker color. If you saturate the color by 10%, you get `222, 141, 230`, and if you desaturate by 10%, it is `226, 187, 230`.

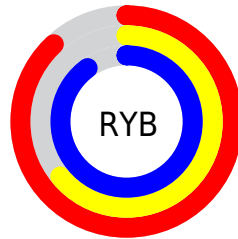
Distribution



Red (88%)

Green (64%)

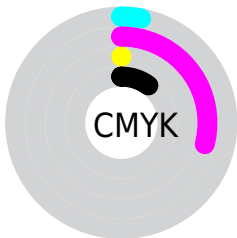
Blue (90%)



Red (88%)

Yellow (64%)

Blue (90%)

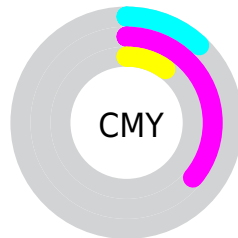


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (10%)



Cyan (12%)


Magenta (36%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 164, 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 224, 164, 230 by changing the saturation by 10% instead.

 224, 164, 230

255, 255, 255


 255, 220, 255

 255, 248, 255

 224, 164, 230


 196, 137, 202

 168, 111, 174


 141, 86, 148

 115, 62, 122

 89, 38, 97

 65, 14, 73

 41, 0, 50

 11, 0, 28

 0, 0, 0

■ 224, 164, 230

■ 224, 164, 230

■ 222, 141, 230

■ 226, 187, 230

■ 220, 118, 230

■ 228, 210, 230

■ 218, 95, 230

■ 230, 233, 230

■ 216, 72, 230

■ 232, 255, 230

■ 214, 49, 230

■ 234, 255, 230

■ 211, 26, 230

■ 237, 255, 230

■ 209, 3, 230

■ 239, 255, 230

■ 209, 0, 230

■ 241, 255, 230

■ 243, 255, 230

Harmonies

Analogous

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



176, 178, 254



224, 164, 230



252, 155, 194

Triad

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



224, 164, 230



217, 179, 109



6, 204, 213

Complementary

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



224, 164, 230



170, 230, 164

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.



83, 204, 174



224, 164, 230



179, 191, 113

Square

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



224, 164, 230



245, 166, 125



135, 200, 138



35, 200, 244

Rectangle

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



224, 164, 230



255, 155, 169



135, 200, 138



40, 205, 201

Sweetspot

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



224, 164, 230



253, 232, 255



164, 171, 230



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 164, 230



247, 168, 255



230, 164, 204



114, 103, 115



162, 0, 179



46, 0, 51

Inverse Universe

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



230, 164, 170



255, 168, 176



164, 230, 190



115, 103, 104



179, 0, 16



51, 0, 5

Previews

White Background



This preview shows how the RGB color 224, 164, 230 looks on a white background.

Color Contrast Check

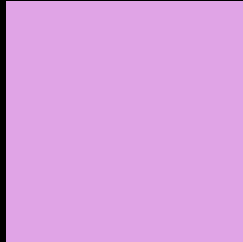
Large Text (above 18pt) WCAG AA × Fail

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 224, 164, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

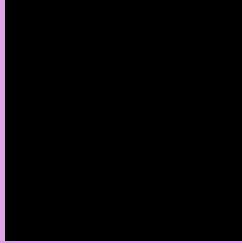
Any Text WCAG AA ✓ Pass

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 224, 164, 230 Background



This preview shows how black text looks on a background with the RGB color 224, 164, 230.

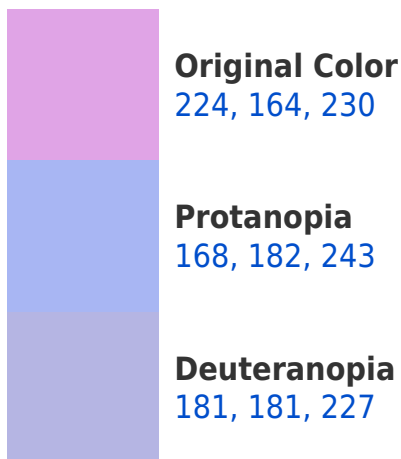


This preview shows how white text looks on a background with the RGB color 224, 164, 230.

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





Tritanopia
218, 172, 186

Trichromacy



Original Color

224, 164, 230



Protanomaly

188, 175, 238



Deuteranomaly

197, 175, 228



Tritanomaly

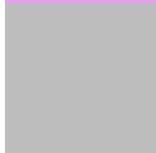
220, 169, 202

Monochromacy



Original Color

224, 164, 230



Achromatopsia

189, 189, 189



Achromatomaly

202, 180, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 164, 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(224, 164, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 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(224, 164, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 230) }
```

Border

The CSS property to change the border of an element to RGB 224, 164, 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(224, 164, 230) }
```

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

```
.border{ border-color:rgb(224, 164, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 164, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 164, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 164, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 164,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 224, 164, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 230) }
```

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

```
.background{ background-color: rgb(224,  
164, 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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