

Converting Colors

RGB(224, 154, 208)

Have a look what the booklet for
RGB(224, 154, 208) contains.

RGB(224, 154, 208)	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, 154, 208)

Conversions

Conversions Part 1

Format	Color
Hex	E09AD0
RGB	224, 154, 208
RGB Percent	88%, 60%, 82%
CMY	0.1216, 0.3961, 0.1843
CMYK	0.00, 0.31, 0.07, 0.12
HSL	314°, 53%, 74%
HSV	314°, 31%, 88%
XYZ	53.6812, 43.5126, 65.2440
YIQ	181.0860, 24.3860, 31.6340

Conversions

Conversions Part 2

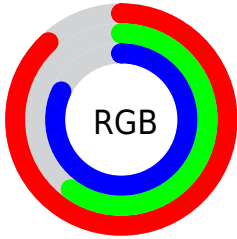
Format	Color
R _Y B	224, 154, 208
Decimal	14719696
CIE _{Lab}	71.90, 34.41, -17.06
CIE _{LCh}	72, 38.409, 333.633
Yxy	43.5126, 0.3305, 0.2679
Android (android.graphics.Color)	4292909776 (0xFFE09AD0)
YUV	181.0860, 13.2686, 37.6356
Hunter-Lab	65.9641, 29.8254, -12.4679

Details

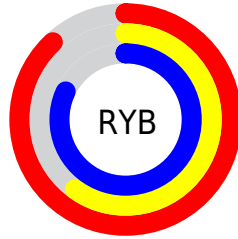
The RGB color **224, 154, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 224, 170**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 209, 255**, and **168, 102, 154** is the 20% darker color. If you saturate the color by 10%, you get **224, 132, 203**, and if you desaturate by 10%, it is **224, 176, 213**.

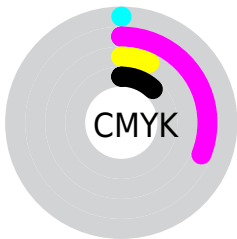
Distribution



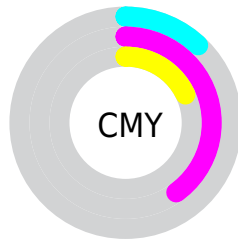
- Red (88%)
- Green (60%)
- Blue (82%)



- Red (88%)
- Yellow (60%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (12%)




- Cyan (12%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 154, 208 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, 154, 208 by changing the saturation by 10% instead.


 224, 154, 208

255, 255, 255


 255, 209, 255


 255, 238, 255

 224, 154, 208

 196, 127, 180

 168, 102, 154

 141, 77, 128

 114, 52, 102

 89, 28, 78

 64, 1, 55

 42, 0, 34

 0, 0, 8

 0, 0, 0

■ 224, 154, 208

■ 224, 154, 208

■ 224, 132, 203

■ 224, 176, 213

■ 224, 109, 198

■ 224, 199, 218

■ 224, 87, 193

■ 224, 221, 223

■ 224, 64, 188

■ 224, 244, 228

■ 224, 42, 182

■ 224, 255, 234

■ 224, 20, 177

■ 224, 255, 239

■ 224, 0, 173

■ 224, 255, 244

■ 224, 255, 249

■ 224, 255, 254

Harmonies

Analogous

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



186, 166, 235



224, 154, 208



243, 149, 173

Triad

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



224, 154, 208



195, 175, 105



25, 194, 214

Complementary

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



224, 154, 208



154, 224, 170

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.



67, 195, 179



224, 154, 208



158, 186, 117

Square

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



224, 154, 208



225, 163, 114



116, 192, 144



70, 188, 238

Rectangle

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



224, 154, 208



245, 151, 150



116, 192, 144



34, 195, 203

Sweetspot

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



224, 154, 208



255, 232, 250



169, 154, 224



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



224, 154, 208



255, 158, 233



224, 154, 174



112, 101, 110



176, 0, 136



48, 0, 37

Inverse Universe

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



224, 154, 208



255, 158, 233



154, 224, 204



112, 101, 110



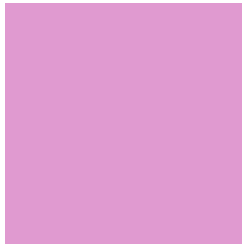
176, 0, 136



48, 0, 37

Previews

White Background



This preview shows how the RGB color 224, 154, 208 looks on a white background.

Color Contrast Check

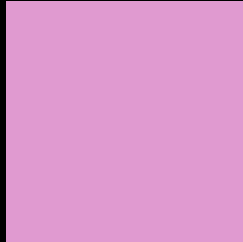
Large Text (above 18pt) WCAG AA × Fail

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, 154, 208 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, 154, 208 Background



This preview shows how black text looks on a background with the RGB color 224, 154, 208.

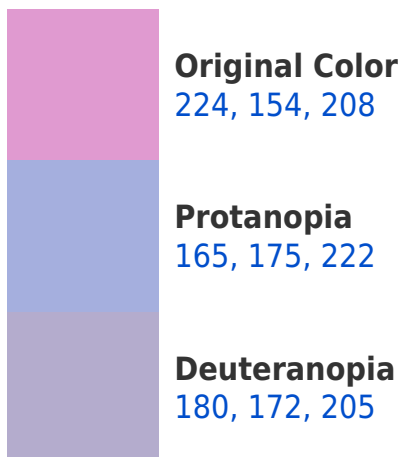



This preview shows how white text looks on a background with the RGB color 224, 154, 208.

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
220, 161, 173

Trichromacy



Original Color

224, 154, 208



Protanomaly

186, 167, 217



Deuteranomaly

196, 165, 206



Tritanomaly

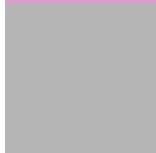
221, 158, 186

Monochromacy



Original Color

224, 154, 208



Achromatopsia

181, 181, 181



Achromatomaly

197, 171, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 154, 208 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, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(224, 154, 208)  
}
```

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, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 154, 208) }
```

Border

The CSS property to change the border of an element to RGB 224, 154, 208 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, 154, 208) }
```

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

```
.border{ border-color:rgb(224, 154, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 154, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(224, 154,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 224, 154, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 154, 208) }
```

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

```
.background{ background-color: rgb(224,  
154, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor