

Converting Colors

`RYB(229, 165, 195)`

Have a look what the booklet for
RYB(229, 165, 195) contains.

RYB(229, 165, 195)	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

RYB(229, 165, 195)

Conversions

Conversions Part 1

Format	Color
Hex	E5A5C3
RGB	229, 165, 195
RGB Percent	90%, 65%, 76%
CMY	0.1020, 0.3529, 0.2353
CMYK	0.00, 0.28, 0.15, 0.10
HSL	332°, 55%, 77%
HSV	332°, 28%, 90%
XYZ	55.6186, 47.5084, 57.8684
YIQ	187.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

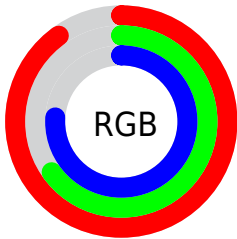
Format	Color
R _Y B	229, 165, 195
Decimal	15050179
CIE Lab	74.51, 28.07, -5.94
CIE LCh	75, 28.690, 348.041
Yxy	47.5084, 0.3455, 0.2951
Android (android.graphics.Color)	4293240259 (0xFFE5A5C3)
YUV	187.5560, 3.6699, 36.3464
Hunter-Lab	68.9263, 23.4154, -1.5296

Details

The RYB color **229, 165, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 207, 229**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 220, 252**, and **173, 112, 141** is the 20% darker color. If you saturate the color by 10%, you get **229, 142, 183**, and if you desaturate by 10%, it is **229, 188, 207**.

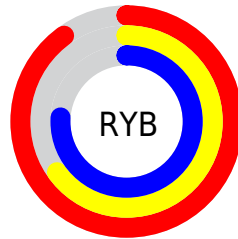
Distribution



Red (90%)

Green (65%)

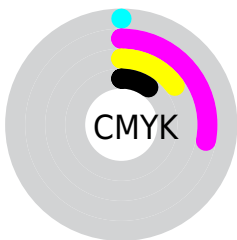
Blue (76%)



Red (90%)

Yellow (65%)

Blue (76%)

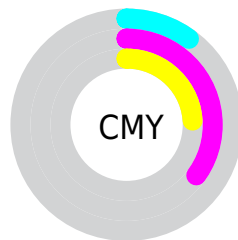


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (10%)



Cyan (10%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 165, 195 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 RYB color 229, 165, 195 by changing the saturation by 10% instead.

 229, 165, 195

 229, 165, 195

255, 255, 255

 200, 138, 168


 255, 220, 252


 173, 112, 141

 255, 249, 255

 145, 87, 116

 119, 63, 91

 93, 40, 68

 68, 16, 46

 45, 0, 25

 11, 0, 0

 0, 0, 0

■ 229, 165, 195

■ 229, 165, 195

■ 229, 142, 183

■ 229, 188, 207

■ 229, 119, 171

■ 229, 211, 219

■ 229, 96, 159

■ 229, 233, 234

■ 229, 73, 146

■ 229, 245, 255

■ 229, 51, 134

■ 229, 242, 255

■ 229, 28, 122

■ 229, 5, 110

■ 229, 0, 107

Harmonies

Analogous

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



207, 171, 219



229, 165, 195



237, 164, 168

Triad

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



229, 165, 195



133, 187, 134



108, 157, 222

Complementary

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



229, 165, 195



165, 207, 229

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.



105, 152, 199



229, 165, 195



147, 193, 184

Square

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



229, 165, 195



191, 212, 132



126, 169, 197



135, 170, 234

Rectangle

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



229, 165, 195



234, 170, 152



126, 169, 197



104, 154, 215

Sweetspot

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



229, 165, 195



255, 235, 244



198, 165, 229



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



229, 165, 195



255, 168, 209



229, 166, 165



115, 103, 109



179, 0, 84



51, 0, 24

Inverse Universe

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



229, 165, 195



255, 168, 209



165, 197, 229



115, 103, 109



179, 0, 84



51, 0, 24

Previews

White Background



This preview shows how the RYB color 229, 165, 195 looks on a white background.

Color Contrast Check

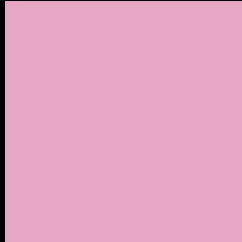
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 229, 165, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

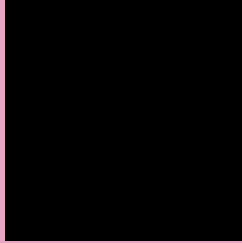
Any Text WCAG AA ✓ Pass

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](#).

RYB 229, 165, 195 Background



This preview shows how black text looks on a background with the RYB color 229, 165, 195.

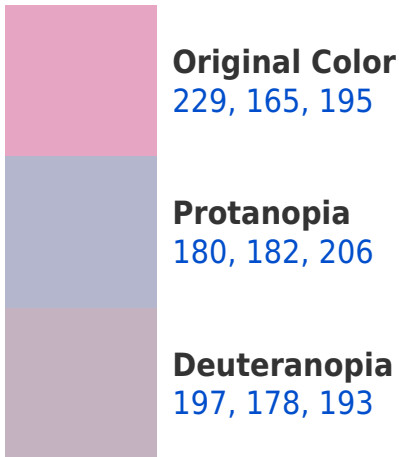


This preview shows how white text looks on a background with the RYB color 229, 165, 195.

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
227, 168, 180

Trichromacy



Original Color
229, 165, 195

Protanomaly
198, 176, 202

Deuteranomaly
209, 173, 194

Tritanomaly
228, 167, 185

Monochromacy



Original Color
229, 165, 195

Achromatopsia
188, 188, 188

Achromatomaly
203, 180, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 165, 195 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(229, 165, 195) looks like.

```
.text, #text, p{  
    color:rgb(229, 165, 195)  
}
```

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(229, 165, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 165, 195) }
```

Border

The CSS property to change the border of an element to RYB 229, 165, 195 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(229, 165, 195) }
```

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

```
.border{ border-color:rgb(229, 165, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 165, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 165, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 165, 195); box-shadow:4px 4px 4px 4px rgb(229, 165, 195) }
```

Background

The CSS property to change the background color of an element to RYB 229, 165, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 165, 195) }
```

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

```
.background{ background-color: rgb(229,  
165, 195) }
```

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