

Converting Colors

`RYB(229, 163, 178)`

Have a look what the booklet for
RYB(229, 163, 178) contains.

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Color

R_YB(229, 163, 178)

Conversions

Conversions Part 1

Format	Color
Hex	E5A3B2
RGB	229, 163, 178
RGB Percent	90%, 64%, 70%
CMY	0.1020, 0.3608, 0.3020
CMYK	0.00, 0.29, 0.22, 0.10
HSL	346°, 56%, 77%
HSV	346°, 29%, 90%
XYZ	53.4462, 46.0668, 48.1943
YIQ	184.4440, 34.5210, 18.6570

Conversions

Conversions Part 2

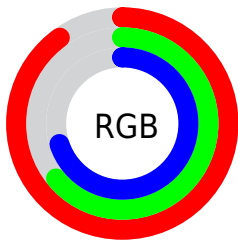
Format	Color
R _Y B	229, 163, 178
Decimal	15049650
CIE Lab	73.59, 26.54, 2.04
CIE LCh	74, 26.615, 4.403
Yxy	46.0668, 0.3618, 0.3119
Android (android.graphics.Color)	4293239730 (0xFFE5A3B2)
YUV	184.4440, -3.1769, 39.0756
Hunter-Lab	67.8725, 21.7829, 5.4106

Details

The RYB color **229, 163, 178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163, 200, 229**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 218, 234**, and **172, 111, 125** is the 20% darker color. If you saturate the color by 10%, you get **229, 140, 160**, and if you desaturate by 10%, it is **229, 186, 196**.

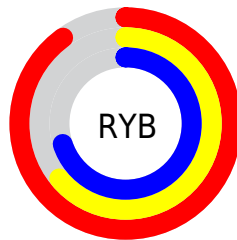
Distribution



Red (90%)

Green (64%)

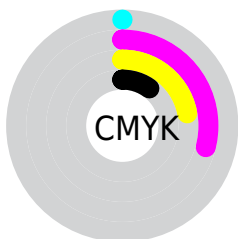
Blue (70%)



Red (90%)

Yellow (64%)

Blue (70%)

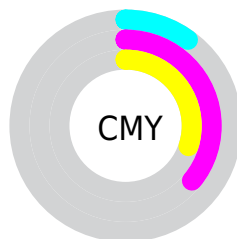


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (10%)



Cyan (10%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 163, 178 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, 163, 178 by changing the saturation by 10% instead.

 229, 163, 178

 229, 163, 178

255, 255, 255


 200, 136, 151

 255, 218, 234

 172, 111, 125

 255, 247, 255

 145, 86, 101

 118, 62, 77

 92, 38, 54

 67, 15, 33

 45, 0, 9

 0, 0, 0

 229, 163, 178

 229, 163, 178

■ 229, 140, 160

■ 229, 186, 196

■ 229, 117, 143

■ 229, 209, 213

■ 229, 94, 125

■ 229, 231, 232

■ 229, 71, 107

■ 229, 244, 255

■ 229, 49, 90

■ 229, 242, 255

■ 229, 26, 72

■ 229, 3, 54

■ 229, 0, 52

Harmonies

Analogous

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



215, 166, 202



229, 163, 178



229, 167, 154

Triad

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



229, 163, 178



140, 188, 160



124, 163, 224

Complementary

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



229, 163, 178



163, 200, 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.



109, 154, 207



229, 163, 178



140, 179, 193

Square

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



229, 163, 178



152, 195, 132



117, 159, 195



156, 175, 229

Rectangle

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



229, 163, 178



222, 185, 142



117, 159, 195



116, 160, 220

Sweetspot

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



229, 163, 178



255, 232, 237



214, 163, 229



128, 113, 117



0, 0, 0



128, 128, 128

Same Dimension

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



229, 163, 178



255, 166, 186



229, 188, 163



115, 103, 106



179, 0, 41



51, 0, 12

Inverse Universe

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



229, 163, 178



255, 166, 186



163, 191, 229



115, 103, 106



179, 0, 41



51, 0, 12

Previews

White Background



This preview shows how the RYB color 229, 163, 178 looks on a white background.

Color Contrast Check

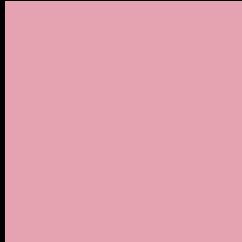
Large Text (above 18pt) WCAG AA × Fail

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, 163, 178 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, 163, 178 Background



This preview shows how black text looks on a background with the RYB color 229, 163, 178.

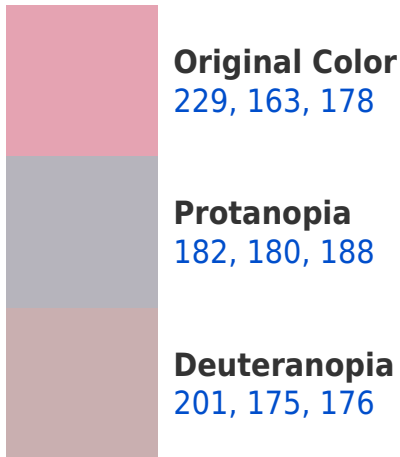



This preview shows how white text looks on a background with the RYB color 229, 163, 178.

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](#).

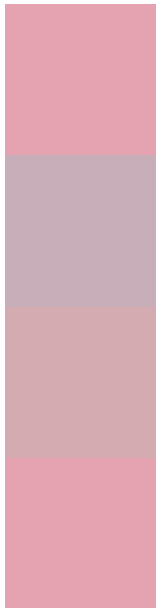
Dichromacy





Tritanopia
229, 163, 176

Trichromacy



Original Color
229, 163, 178

Protanomaly
199, 174, 184

Deuteranomaly
211, 171, 177

Tritanomaly
229, 163, 177

Monochromacy



Original Color
229, 163, 178

Achromatopsia
184, 184, 184

Achromatomaly
200, 176, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 163, 178 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, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(229, 163, 178)  
}
```

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, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 163, 178) }
```

Border

The CSS property to change the border of an element to RYB 229, 163, 178 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, 163, 178) }
```

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

```
.border{ border-color:rgb(229, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(229, 163,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 229, 163, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 163, 178) }
```

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

```
.background{ background-color: rgb(229,  
163, 178) }
```

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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