

Converting Colors

`RYB(229, 172, 232)`

Have a look what the booklet for
RYB(229, 172, 232) contains.

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Color

R_YB(229, 172, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E5ACE8
RGB	229, 172, 232
RGB Percent	90%, 67%, 91%
CMY	0.1020, 0.3255, 0.0902
CMYK	0.01, 0.26, 0.00, 0.09
HSL	297°, 57%, 79%
HSV	297°, 26%, 91%
XYZ	61.6311, 51.9893, 83.1305
YIQ	195.8830, 14.7120, 30.7440

Conversions

Conversions Part 2

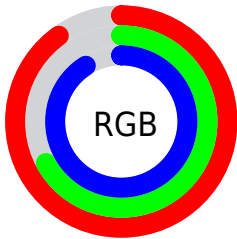
Format	Color
R_{YB}	229, 172, 232
Decimal	15052008
CIE _{Lab}	77.27, 30.73, -21.98
CIE _{LCh}	77, 37.776, 324.425
Yxy	51.9893, 0.3132, 0.2642
Android (android.graphics.Color)	4293242088 (0xFFE5ACE8)
YUV	195.8830, 17.8057, 29.0436
Hunter-Lab	72.1036, 26.3931, -17.8849

Details

The RYB color **229, 172, 232** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 232, 229**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 228, 255**, and **173, 119, 176** is the 20% darker color. If you saturate the color by 10%, you get **228, 149, 232**, and if you desaturate by 10%, it is **230, 195, 232**.

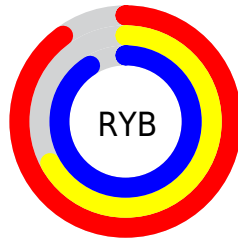
Distribution



Red (90%)

Green (67%)

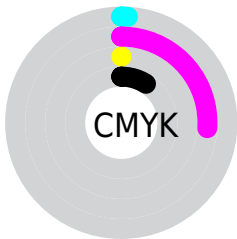
Blue (91%)



Red (90%)

Yellow (67%)

Blue (91%)

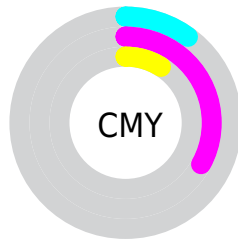


Cyan (1%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 172, 232 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, 172, 232 by changing the saturation by 10% instead.

■ 229, 172, 232

255, 255, 255

■ 255, 228, 255

■ 229, 172, 232

■ 201, 145, 204

■ 173, 119, 176

■ 146, 94, 149

■ 119, 69, 124

■ 94, 46, 98

■ 69, 22, 74

■ 46, 0, 52

■ 24, 0, 30

■ 0, 0, 0

229, 172, 232

229, 172, 232

228, 149, 232

230, 195, 232

227, 126, 232

231, 218, 232

226, 102, 232

232, 242, 242

224, 79, 232

232, 255, 253

223, 56, 232

232, 255, 252

222, 33, 232

232, 255, 251

221, 10, 232

232, 255, 250

220, 0, 232

232, 255, 249

232, 255, 248

Harmonies

Analogous

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



186, 184, 254



229, 172, 232



254, 165, 199

Triad

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



229, 172, 232



175, 221, 121



65, 139, 219

Complementary

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



229, 172, 232



172, 232, 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.



101, 162, 209



229, 172, 232



126, 197, 138

Square

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



229, 172, 232



247, 197, 135



144, 200, 205



78, 151, 247

Rectangle

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



229, 172, 232



255, 164, 175



144, 200, 205



74, 143, 210

Sweetspot

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



229, 172, 232



254, 235, 255



172, 175, 232



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 172, 232



251, 176, 255



232, 172, 205



114, 103, 115



170, 0, 179



48, 0, 51

Inverse Universe

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



232, 172, 175



255, 176, 180



172, 213, 232



115, 103, 104



179, 0, 9



51, 0, 3

Previews

White Background



This preview shows how the RYB color 229, 172, 232 looks on a white background.

Color Contrast Check

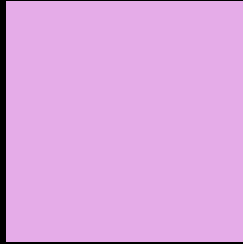
Large Text (above 18pt) WCAG AA × Fail

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, 172, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

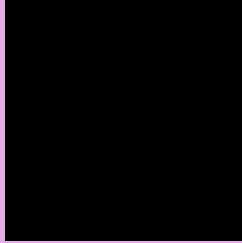
Any Text WCAG AA ✓ Pass

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, 172, 232 Background



This preview shows how black text looks on a background with the RYB color 229, 172, 232.

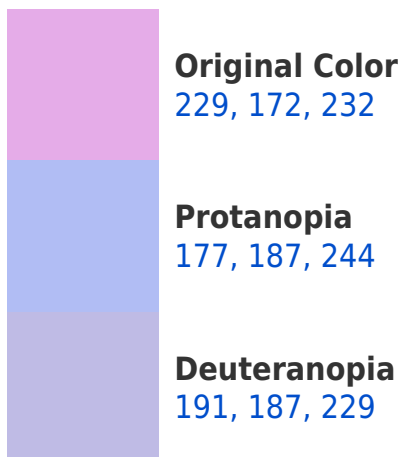



This preview shows how white text looks on a background with the RYB color 229, 172, 232.

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
224, 179, 193

Trichromacy



Original Color

229, 172, 232



Protanomaly

196, 183, 240



Deuteranomaly

205, 182, 230



Tritanomaly

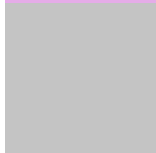
226, 176, 207

Monochromacy



Original Color

229, 172, 232



Achromatopsia

196, 196, 196



Achromatomaly

208, 187, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 172, 232 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, 172, 232)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 232)  
}
```

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, 172, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 232) }
```

Border

The CSS property to change the border of an element to RYB 229, 172, 232 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, 172, 232) }
```

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

```
.border{ border-color:rgb(229, 172, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 172, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 172, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 172, 232);  
box-shadow:4px 4px 4px 4px rgb(229, 172,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 229, 172, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 232) }
```

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

```
.background{ background-color: rgb(229,  
172, 232) }
```

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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