

Converting Colors

`RYB(232, 216, 229)`

Have a look what the booklet for
RYB(232, 216, 229) contains.

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Color

R_YB(232, 216, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E8D8E5
RGB	232, 216, 229
RGB Percent	91%, 85%, 90%
CMY	0.0902, 0.1529, 0.1020
CMYK	0.00, 0.07, 0.01, 0.09
HSL	311°, 26%, 88%
HSV	311°, 7%, 91%
XYZ	71.9774, 71.9247, 84.2180
YIQ	222.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

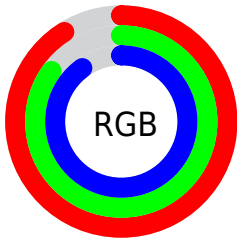
Format	Color
R_{YB}	232, 216, 229
Decimal	15259877
CIE _{Lab}	87.93, 7.76, -4.39
CIE _{LCh}	88, 8.919, 330.482
Yxy	71.9247, 0.3155, 0.3153
Android (android.graphics.Color)	4293449957 (0xFFE8D8E5)
YUV	222.2660, 3.3199, 8.5367
Hunter-Lab	84.8084, 3.0793, 0.4887

Details

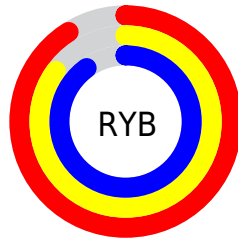
The RYB color **232, 216, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216, 229, 232**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 161, 174** is the 20% darker color. If you saturate the color by 10%, you get **232, 193, 225**, and if you desaturate by 10%, it is **232, 238, 239**.

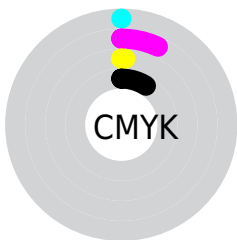
Distribution



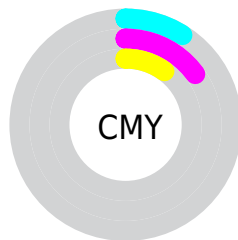
- Red (91%)
- Green (85%)
- Blue (90%)



- Red (91%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 216, 229 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 232, 216, 229 by changing the saturation by 10% instead.

■ 232, 216, 229

255, 255, 255

■ 232, 216, 229

■ 204, 188, 201

■ 176, 161, 174

■ 150, 135, 147

■ 124, 110, 121

■ 99, 85, 96

■ 75, 62, 73


■ 52, 40, 50

■ 31, 20, 29


■ 0, 0, 2

 232, 216, 229

 232, 216, 229

 232, 193, 225


 232, 238, 239

 232, 170, 220

 232, 250, 255

 232, 146, 216

 232, 248, 255

 232, 123, 212

 232, 246, 255

 232, 100, 207

 232, 245, 255

 232, 77, 203

 232, 244, 255

 232, 54, 199

 232, 30, 194

 232, 7, 190

Harmonies

Analogous

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



223, 218, 235



232, 216, 229



238, 215, 221

Triad

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



232, 216, 229



216, 228, 204



200, 213, 229

Complementary

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



232, 216, 229



216, 229, 232

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.



202, 216, 226



232, 216, 229



206, 223, 211

Square

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



232, 216, 229



235, 224, 206



208, 222, 225



204, 216, 235

Rectangle

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



232, 216, 229



239, 215, 215



208, 222, 225



200, 213, 226

Sweetspot

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



232, 216, 229



255, 250, 254



219, 216, 232



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



232, 216, 229



255, 235, 251



232, 216, 221



115, 103, 113



179, 0, 145



51, 0, 41

Inverse Universe

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



232, 216, 229



255, 235, 251



216, 225, 232



115, 103, 113



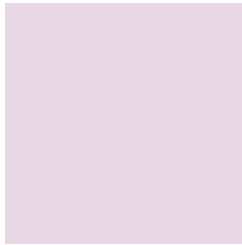
179, 0, 145



51, 0, 41

Previews

White Background



This preview shows how the RYB color 232, 216, 229 looks on a white background.

Color Contrast Check

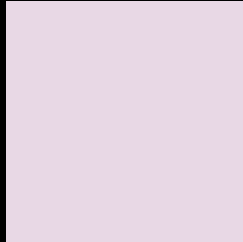
Large Text (above 18pt) WCAG AA × Fail

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 232, 216, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

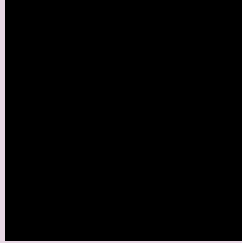
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

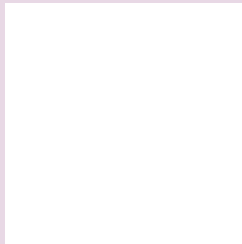
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 232, 216, 229 Background



This preview shows how black text looks on a background with the RYB color 232, 216, 229.

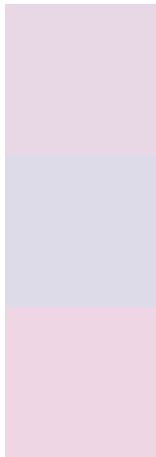


This preview shows how white text looks on a background with the RYB color 232, 216, 229.

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](#).

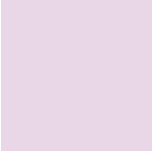
Dichromacy



Original Color
232, 216, 229

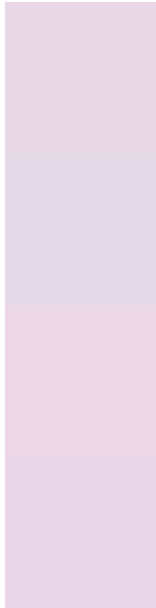
Protanopia
221, 219, 231

Deuteranopia
238, 214, 229



Tritanopia
233, 215, 232

Trichromacy



Original Color

232, 216, 229

Protanomaly

225, 218, 230

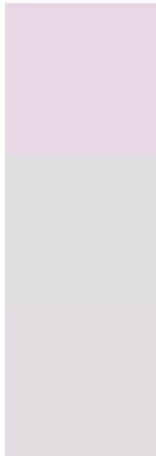
Deuteranomaly

236, 215, 229

Tritanomaly

233, 215, 231

Monochromacy



Original Color

232, 216, 229

Achromatopsia

222, 222, 222

Achromatomaly

226, 220, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 216, 229 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(232, 216, 229) looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 229)  
}
```

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(232, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 229) }
```

Border

The CSS property to change the border of an element to RYB 232, 216, 229 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(232, 216, 229) }
```

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

```
.border{ border-color:rgb(232, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 232, 216, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 229) }
```

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

```
.background{ background-color: rgb(232,  
216, 229) }
```

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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