

Converting Colors

`RYB(232, 175, 159)`

Have a look what the booklet for
RYB(232, 175, 159) contains.

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Color

R_YB(232, 175, 159)

Conversions

Conversions Part 1

Format	Color
Hex	E8AC9F
RGB	232, 172, 159
RGB Percent	91%, 67%, 62%
CMY	0.0902, 0.3250, 0.3765
CMYK	0.00, 0.26, 0.31, 0.09
HSL	11°, 61%, 77%
HSV	11°, 31%, 91%
XYZ	54.3128, 49.2111, 39.4370
YIQ	188.4580, 39.9330, 8.6770

Conversions

Conversions Part 2

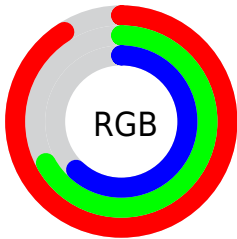
Format	Color
R _Y B	232, 175, 159
Decimal	15248543
CIE Lab	75.58, 20.16, 15.34
CIE LCh	76, 25.332, 37.259
Yxy	49.2111, 0.3799, 0.3442
Android (android.graphics.Color)	4293438623 (0xFFE8AC9F)
YUV	188.4580, -14.5228, 38.1863
Hunter-Lab	70.1506, 15.4365, 15.7740

Details

The RYB color **232, 175, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 192, 232**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 235, 214**, and **175, 121, 108** is the 20% darker color. If you saturate the color by 10%, you get **232, 157, 136**, and if you desaturate by 10%, it is **232, 193, 182**.

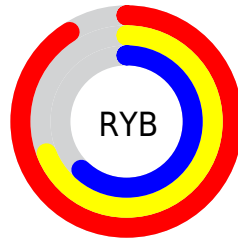
Distribution



Red (91%)

Green (67%)

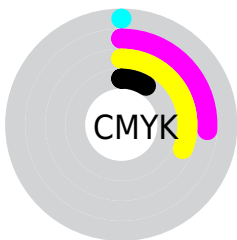
Blue (62%)



Red (91%)

Yellow (69%)

Blue (62%)

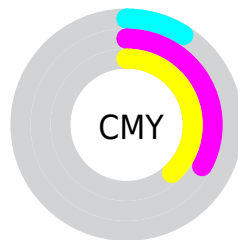


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 175, 159 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, 175, 159 by changing the saturation by 10% instead.

 232, 175, 159

 232, 175, 159

255, 255, 255

 203, 147, 133

 255, 235, 214

 175, 123, 108

 242, 255, 242

 147, 98, 83

 120, 73, 60


 94, 50, 38

 69, 27, 18

 45, 3, 0

 3, 0, 0


 0, 0, 0

 232, 175, 159

 232, 175, 159

 232, 157, 136

 232, 193, 182

 232, 139, 113

 232, 211, 205

 232, 121, 89

 232, 229, 229

 232, 103, 66

 232, 241, 252

 232, 84, 43

 232, 244, 255

 232, 66, 20

 232, 51, 0

Harmonies

Analogous

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



233, 169, 181



232, 175, 159



219, 210, 144

Triad

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



232, 175, 159



146, 183, 198



166, 181, 232

Complementary

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



232, 175, 159



159, 192, 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.



136, 172, 229



232, 175, 159



125, 165, 200

Square

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



232, 175, 159



149, 193, 170



119, 162, 214



197, 178, 223

Rectangle

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



232, 175, 159



173, 206, 140



119, 162, 214



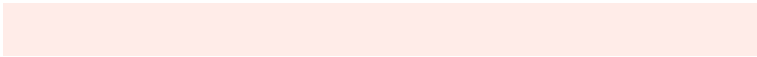
155, 179, 232

Sweetspot

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



232, 175, 159



255, 237, 232



232, 159, 220



128, 117, 113



0, 0, 0



128, 128, 128

Same Dimension

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



232, 175, 159



255, 180, 158



195, 232, 159



115, 105, 103



179, 39, 0



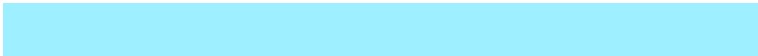
51, 11, 0

Inverse Universe

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



159, 192, 232



158, 202, 255



159, 177, 232



103, 108, 115



0, 80, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 232, 175, 159 looks on a white background.

Color Contrast Check

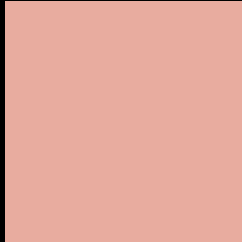
Large Text (above 18pt) WCAG AA × Fail

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, 175, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

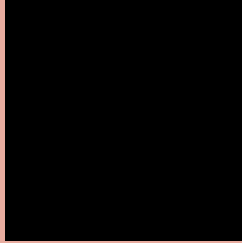
Any Text WCAG AA ✓ Pass

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, 175, 159 Background



This preview shows how black text looks on a background with the RYB color 232, 175, 159.



This preview shows how white text looks on a background with the RYB color 232, 175, 159.

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, 175, 159

Protanopia
179, 195, 166

Deuteranopia
215, 191, 158



Tritanopia
234, 169, 182

Trichromacy



Original Color

232, 175, 159

Protanomaly

208, 193, 163

Deuteranomaly

221, 183, 158

Tritanomaly

233, 170, 174

Monochromacy



Original Color

232, 175, 159

Achromatopsia

189, 189, 189

Achromatomaly

205, 184, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 175, 159 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, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(232, 172, 159)  
}
```

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, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 172, 159) }
```

Border

The CSS property to change the border of an element to RYB 232, 175, 159 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, 172, 159) }
```

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

```
.border{ border-color:rgb(232, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(232, 172,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 232, 175, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 172, 159) }
```

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

```
.background{ background-color: rgb(232,  
172, 159) }
```

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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