

Converting Colors

`RYB(228, 185, 195)`

Have a look what the booklet for
RYB(228, 185, 195) contains.

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Color

R_YB(228, 185, 195)

Conversions

Conversions Part 1

Format	Color
Hex	E4B9C3
RGB	228, 185, 195
RGB Percent	89%, 73%, 76%
CMY	0.1059, 0.2745, 0.2353
CMYK	0.00, 0.19, 0.14, 0.11
HSL	346°, 44%, 81%
HSV	346°, 19%, 89%
XYZ	59.1942, 55.1320, 59.1514
YIQ	198.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

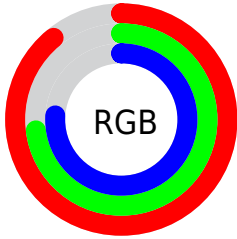
Format	Color
R _Y B	228, 185, 195
Decimal	14989763
CIE Lab	79.12, 17.00, 0.80
CIE LCh	79, 17.020, 2.706
Yxy	55.1320, 0.3412, 0.3178
Android (android.graphics.Color)	4293179843 (0xFFE4B9C3)
YUV	198.9970, -1.9705, 25.4356
Hunter-Lab	74.2509, 12.3643, 4.7428

Details

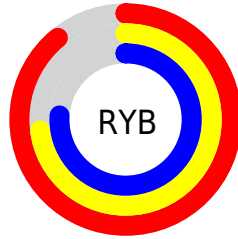
The RYB color **228, 185, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **185, 209, 228**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 241, 252**, and **172, 132, 141** is the 20% darker color. If you saturate the color by 10%, you get **228, 162, 178**, and if you desaturate by 10%, it is **228, 208, 212**.

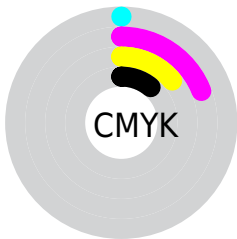
Distribution



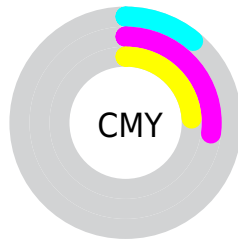
- Red (89%)
- Green (73%)
- Blue (76%)



- Red (89%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (11%)




- Cyan (11%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 228, 185, 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 228, 185, 195 by changing the saturation by 10% instead.


 228, 185, 195

 228, 185, 195


255, 255, 255

 200, 158, 168

 255, 241, 252


 172, 132, 141

 145, 106, 116

 119, 82, 91

 94, 59, 68

 70, 37, 46

 46, 16, 25

 26, 0, 1

 0, 0, 0

■ 228, 185, 195

■ 228, 185, 195

■ 228, 162, 178

■ 228, 208, 212

■ 228, 139, 160

■ 228, 230, 231

■ 228, 117, 143

■ 228, 242, 253

■ 228, 94, 125

■ 228, 242, 255

■ 228, 71, 108

■ 228, 48, 90

■ 228, 25, 73

■ 228, 3, 55

■ 228, 0, 53

Harmonies

Analogous

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



218, 187, 211



228, 185, 195



229, 187, 179

Triad

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



228, 185, 195



169, 200, 180



163, 187, 224

Complementary

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



228, 185, 195



185, 209, 228

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.



155, 182, 212



228, 185, 195



172, 197, 204

Square

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



228, 185, 195



181, 207, 164



158, 184, 205



180, 192, 227

Rectangle

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



228, 185, 195



225, 198, 171



158, 184, 205



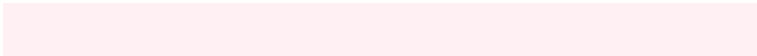
159, 185, 221

Sweetspot

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



228, 185, 195



255, 240, 243



218, 185, 228



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



228, 185, 195



255, 196, 210



228, 200, 185



115, 103, 106



179, 0, 42



51, 0, 12

Inverse Universe

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



228, 185, 195



255, 196, 210



185, 203, 228



115, 103, 106



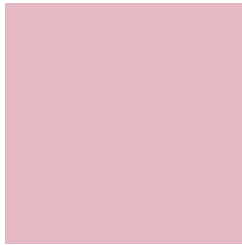
179, 0, 42



51, 0, 12

Previews

White Background



This preview shows how the RYB color 228, 185, 195 looks on a white background.

Color Contrast Check

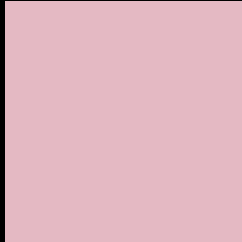
Large Text (above 18pt) WCAG AA × Fail

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 228, 185, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

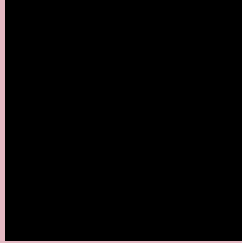
Any Text WCAG AA ✓ Pass

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 228, 185, 195 Background



This preview shows how black text looks on a background with the RYB color 228, 185, 195.



This preview shows how white text looks on a background with the RYB color 228, 185, 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



Original Color
228, 185, 195

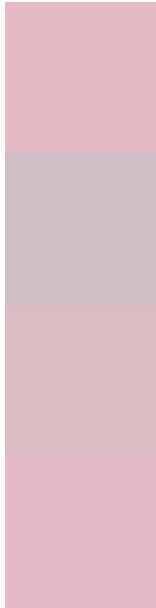
Protanopia
198, 195, 201

Deuteranopia
216, 190, 194



Tritanopia
228, 184, 199

Trichromacy



Original Color

228, 185, 195

Protanomaly

209, 191, 199

Deuteranomaly

220, 188, 194

Tritanomaly

228, 184, 198

Monochromacy



Original Color

228, 185, 195

Achromatopsia

199, 199, 199

Achromatomaly

210, 194, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 185, 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(228, 185, 195) looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 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(228, 185, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 195) }
```

Border

The CSS property to change the border of an element to RYB 228, 185, 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(228, 185, 195) }
```

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

```
.border{ border-color:rgb(228, 185, 195) }
```

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

Here you see how a box with a 4 pixel rgb(228, 185, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 185, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 185, 195);  
box-shadow:4px 4px 4px 4px rgb(228, 185,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 228, 185, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 185, 195) }
```

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

```
.background{ background-color: rgb(228,  
185, 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](#).

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