

Converting Colors

`RYB(228, 194, 198)`

Have a look what the booklet for RYB(228, 194, 198) contains.

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Color

R_YB(228, 194, 198)

Conversions

Conversions Part 1

Format	Color
Hex	E4C2C6
RGB	228, 194, 198
RGB Percent	89%, 76%, 78%
CMY	0.1059, 0.2392, 0.2235
CMYK	0.00, 0.15, 0.13, 0.11
HSL	353°, 39%, 83%
HSV	353°, 15%, 89%
XYZ	61.4797, 59.1548, 61.6038
YIQ	204.6220, 18.9800, 8.4520

Conversions

Conversions Part 2

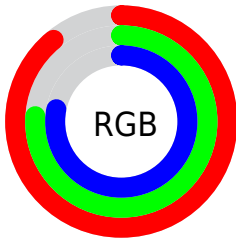
Format	Color
R _Y B	228, 194, 198
Decimal	14992070
CIE Lab	81.38, 12.69, 2.47
CIE LCh	81, 12.928, 11.033
Yxy	59.1548, 0.3374, 0.3246
Android (android.graphics.Color)	4293182150 (0xFFE4C2C6)
YUV	204.6220, -3.2646, 20.5025
Hunter-Lab	76.9121, 8.0878, 6.3494

Details

The RYB color **228, 194, 198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **194, 212, 228**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 251, 255, and **172, 140, 144** is the 20% darker color. If you saturate the color by 10%, you get **228, 171, 178**, and if you desaturate by 10%, it is **228, 217, 218**.

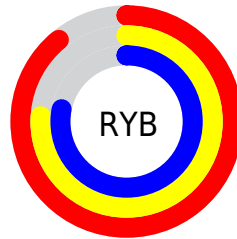
Distribution



Red (89%)

Green (76%)

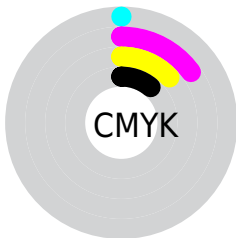
Blue (78%)



Red (89%)

Yellow (76%)

Blue (78%)

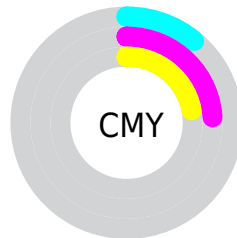


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 194, 198 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, 194, 198 by changing the saturation by 10% instead.

 228, 194, 198

255, 255, 255

 255, 251, 255

 228, 194, 198

 200, 167, 171

 172, 140, 144

 145, 115, 119

 120, 90, 94

 94, 67, 70

 70, 44, 48

 47, 23, 27

 29, 0, 0

 0, 0, 0

 228, 194, 198

 228, 194, 198

 228, 171, 178

 228, 217, 218

 228, 148, 158

 228, 235, 240

 228, 126, 138

 228, 242, 255

 228, 103, 118

 228, 80, 97

 228, 57, 77

 228, 34, 57

 228, 12, 37

 228, 0, 27

Harmonies

Analogous

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



222, 195, 210



228, 194, 198



227, 199, 187

Triad

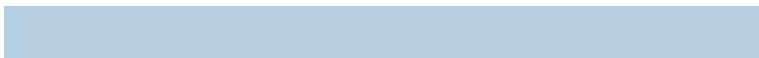
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 194, 198



184, 206, 197



181, 197, 225

Complementary

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



228, 194, 198



194, 212, 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.



173, 193, 218



228, 194, 198



181, 200, 209

Square

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



228, 194, 198



183, 207, 178



173, 192, 209



195, 201, 226

Rectangle

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



228, 194, 198



223, 210, 181



173, 192, 209



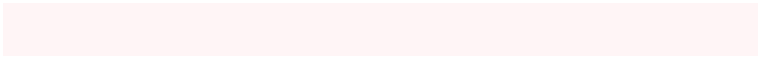
177, 195, 223

Sweetspot

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



228, 194, 198



255, 245, 246



223, 194, 228



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



228, 194, 198



255, 209, 215



228, 213, 194



115, 103, 105



179, 0, 21



51, 0, 6

Inverse Universe

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



228, 194, 198



255, 209, 214



194, 207, 228



115, 103, 105



179, 0, 21



51, 0, 6

Previews

White Background



This preview shows how the RYB color 228, 194, 198 looks on a white background.

Color Contrast Check

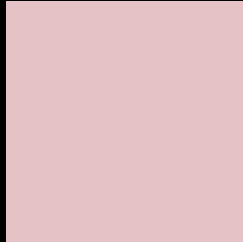
Large Text (above 18pt) WCAG AA × Fail

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, 194, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

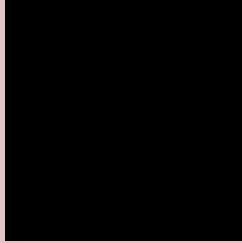
Any Text WCAG AA ✓ Pass

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, 194, 198 Background



This preview shows how black text looks on a background with the RYB color 228, 194, 198.



This preview shows how white text looks on a background with the RYB color 228, 194, 198.

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](#), [194](#), [198](#)

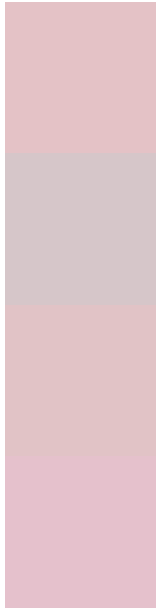
Protanopia
[206](#), [201](#), [202](#)

Deuteranopia
[224](#), [196](#), [198](#)



Tritanopia
229, 193, 208

Trichromacy



Original Color

228, 194, 198

Protanomaly

214, 198, 201

Deuteranomaly

225, 195, 198

Tritanomaly

229, 193, 204

Monochromacy



Original Color

228, 194, 198

Achromatopsia

205, 205, 205

Achromatomaly

213, 201, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 194, 198 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, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(228, 194, 198)  
}
```

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, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 194, 198) }
```

Border

The CSS property to change the border of an element to RYB 228, 194, 198 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, 194, 198) }
```

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

```
.border{ border-color:rgb(228, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 194, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 194, 198); box-shadow:4px 4px 4px 4px rgb(228, 194, 198) }
```

Background

The CSS property to change the background color of an element to RYB 228, 194, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 194, 198) }
```

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

```
.background{ background-color: rgb(228,  
194, 198) }
```

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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