

Converting Colors

`RYB(232, 170, 178)`

Have a look what the booklet for
RYB(232, 170, 178) contains.

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Color

R_YB(232, 170, 178)

Conversions

Conversions Part 1

Format	Color
Hex	E8AAB2
RGB	232, 170, 178
RGB Percent	91%, 67%, 70%
CMY	0.0902, 0.3333, 0.3020
CMYK	0.00, 0.27, 0.23, 0.09
HSL	352°, 57%, 79%
HSV	352°, 27%, 91%
XYZ	55.6893, 49.1196, 48.6654
YIQ	189.4500, 34.3840, 15.6320

Conversions

Conversions Part 2

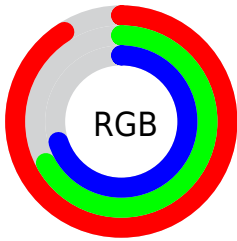
Format	Color
RYB	232, 170, 178
Decimal	15248050
CIELab	75.53, 23.88, 4.89
CIELCh	76, 24.378, 11.567
Yxy	49.1196, 0.3629, 0.3201
Android (android.graphics.Color)	4293438130 (0xFFE8AAB2)
YUV	189.4500, -5.6448, 37.3164
Hunter-Lab	70.0854, 19.1853, 7.8904

Details

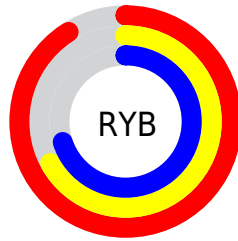
The RYB color **232, 170, 178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 203, 232**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 226, 234**, and **175, 117, 125** is the 20% darker color. If you saturate the color by 10%, you get **232, 147, 158**, and if you desaturate by 10%, it is **232, 193, 198**.

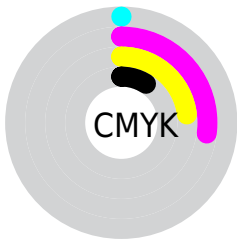
Distribution



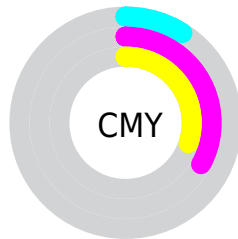
- Red (91%)
- Green (67%)
- Blue (70%)



- Red (91%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (9%)




- Cyan (9%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 170, 178 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, 170, 178 by changing the saturation by 10% instead.

 232, 170, 178

255, 255, 255

 255, 226, 234


255, 254, 255

 232, 170, 178


 203, 143, 151

 175, 117, 125

 148, 92, 101

 121, 68, 77


 95, 45, 54

 70, 22, 33


 47, 0, 9

 12, 0, 0


 0, 0, 0

 232, 170, 178


 232, 170, 178

 232, 147, 158

 232, 193, 198

 232, 124, 138

 232, 216, 218

 232, 100, 117

 232, 236, 240

 232, 77, 97

 232, 244, 255

 232, 54, 77

 232, 31, 57

 232, 8, 37

 232, 0, 30

Harmonies

Analogous

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



222, 172, 201



232, 170, 178



229, 178, 157

Triad

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



232, 170, 178



152, 194, 177



142, 174, 228

Complementary

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



232, 170, 178



170, 203, 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.



124, 165, 215



232, 170, 178



144, 180, 198

Square

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



232, 170, 178



150, 194, 142



126, 164, 199



171, 182, 230

Rectangle

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



232, 170, 178



221, 197, 147



126, 164, 199



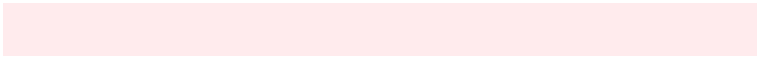
134, 170, 225

Sweetspot

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



232, 170, 178



255, 235, 237



224, 170, 232



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



232, 170, 178



255, 173, 184



232, 207, 170



115, 103, 105



179, 0, 23



51, 0, 7

Inverse Universe

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



232, 170, 178



255, 173, 184



170, 194, 232



115, 103, 105



179, 0, 23



51, 0, 7

Previews

White Background



This preview shows how the RYB color 232, 170, 178 looks on a white background.

Color Contrast Check

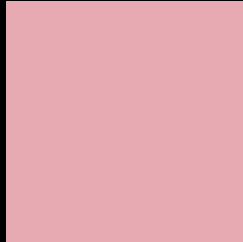
Large Text (above 18pt) WCAG AA × Fail

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, 170, 178 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, 170, 178 Background



This preview shows how black text looks on a background with the RYB color 232, 170, 178.

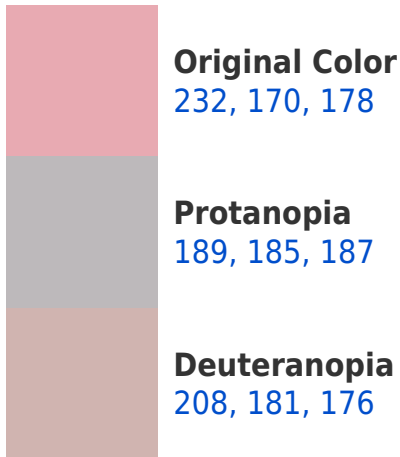


This preview shows how white text looks on a background with the RYB color 232, 170, 178.

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](#).

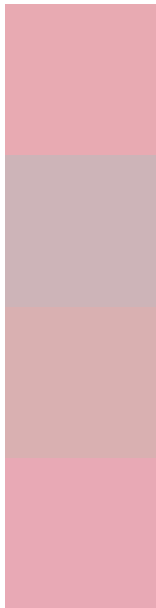
Dichromacy





Tritanopia
232, 169, 182

Trichromacy



Original Color
232, 170, 178

Protanomaly
205, 180, 184

Deuteranomaly
217, 176, 177

Tritanomaly
232, 169, 181

Monochromacy



Original Color
232, 170, 178

Achromatopsia
189, 189, 189

Achromatomaly
205, 182, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 170, 178 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, 170, 178) looks like.

```
.text, #text, p{  
    color:rgb(232, 170, 178)  
}
```

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, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 170, 178) }
```

Border

The CSS property to change the border of an element to RYB 232, 170, 178 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, 170, 178) }
```

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

```
.border{ border-color:rgb(232, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(232, 170,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 232, 170, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 170, 178) }
```

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

```
.background{ background-color: rgb(232,  
170, 178) }
```

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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