

Converting Colors

`RYB(222, 178, 213)`

Have a look what the booklet for RYB(222, 178, 213) contains.

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Color

R_YB(222, 178, 213)

Conversions

Conversions Part 1

Format	Color
Hex	DEB2D5
RGB	222, 178, 213
RGB Percent	87%, 70%, 84%
CMY	0.1294, 0.3020, 0.1647
CMYK	0.00, 0.20, 0.04, 0.13
HSL	312°, 40%, 78%
HSV	312°, 20%, 87%
XYZ	58.0548, 52.1745, 69.9617
YIQ	195.1460, 14.9890, 20.2130

Conversions

Conversions Part 2

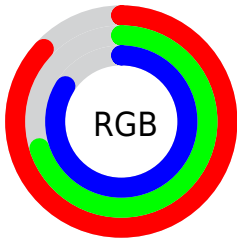
Format	Color
R_{YB}	222, 178, 213
Decimal	14594773
CIE _{Lab}	77.39, 21.71, -11.57
CIE _{LCh}	77, 24.602, 331.938
Yxy	52.1745, 0.3222, 0.2896
Android (android.graphics.Color)	4292784853 (0xFFDEB2D5)
YUV	195.1460, 8.8020, 23.5510
Hunter-Lab	72.2319, 17.0597, -6.8642

Details

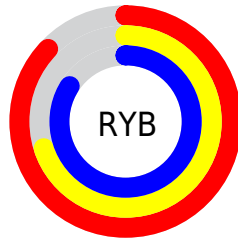
The RYB color **222, 178, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178, 215, 222**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 234, 255**, and **166, 125, 158** is the 20% darker color. If you saturate the color by 10%, you get **222, 156, 208**, and if you desaturate by 10%, it is **222, 200, 218**.

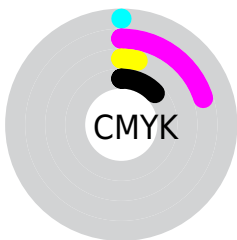
Distribution



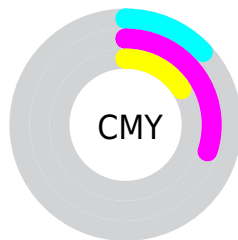
- Red (87%)
- Green (70%)
- Blue (84%)



- Red (87%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 222, 178, 213 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 222, 178, 213 by changing the saturation by 10% instead.

 222, 178, 213


255, 255, 255


 255, 234, 255


 222, 178, 213

 194, 151, 185

 166, 125, 158

 140, 100, 132

 114, 76, 107

 89, 52, 83

 65, 30, 60

 42, 8, 38

 17, 0, 16

 0, 0, 0

222, 178, 213

222, 178, 213

222, 156, 208

222, 200, 218

222, 134, 204

222, 222, 222

222, 111, 199

222, 241, 245

222, 89, 195

222, 248, 255

222, 67, 190

222, 245, 255

222, 45, 186

222, 243, 255

222, 23, 181

222, 241, 255

222, 0, 177

222, 240, 255

222, 239, 255

Harmonies

Analogous

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



197, 185, 230



222, 178, 213



236, 175, 190

Triad

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



222, 178, 213



170, 207, 146



126, 167, 214

Complementary

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



222, 178, 213



178, 215, 222

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.



135, 173, 204



222, 178, 213



152, 197, 167

Square

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



222, 178, 213



226, 205, 152



156, 192, 202



139, 175, 231

Rectangle

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



222, 178, 213



238, 176, 175



156, 192, 202



127, 166, 207

Sweetspot

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



222, 178, 213



255, 240, 252



187, 178, 222



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



222, 178, 213



255, 194, 242



222, 178, 191



112, 101, 110



176, 0, 140



48, 0, 39

Inverse Universe

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



222, 178, 213



255, 194, 242



178, 204, 222



112, 101, 110



176, 0, 140



48, 0, 39

Previews

White Background



This preview shows how the RYB color 222, 178, 213 looks on a white background.

Color Contrast Check

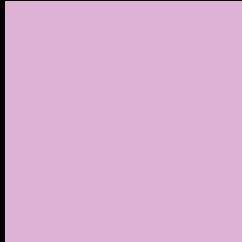
Large Text (above 18pt) WCAG AA × Fail

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 222, 178, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

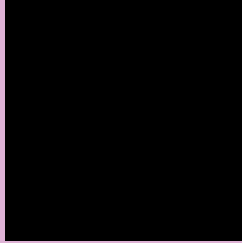
Any Text WCAG AA ✓ Pass

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 222, 178, 213 Background



This preview shows how black text looks on a background with the RYB color 222, 178, 213.



This preview shows how white text looks on a background with the RYB color 222, 178, 213.

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
222, 178, 213

Protanopia
186, 190, 221

Deuteranopia
201, 186, 211



Tritanopia
220, 181, 195

Trichromacy



Original Color
222, 178, 213

Protanomaly
199, 186, 218

Deuteranomaly
209, 183, 212

Tritanomaly
221, 180, 202

Monochromacy



Original Color
222, 178, 213

Achromatopsia
195, 195, 195

Achromatomaly
205, 189, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 178, 213 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(222, 178, 213) looks like.

```
.text, #text, p{  
    color:rgb(222, 178, 213)  
}
```

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(222, 178, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 178, 213) }
```

Border

The CSS property to change the border of an element to RYB 222, 178, 213 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(222, 178, 213) }
```

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

```
.border{ border-color:rgb(222, 178, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 178, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 178, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 178, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 178,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 222, 178, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 178, 213) }
```

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

```
.background{ background-color: rgb(222,  
178, 213) }
```

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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