

Converting Colors

`RYB(225, 132, 177)`

Have a look what the booklet for
RYB(225, 132, 177) contains.

RYB(225, 132, 177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(225, 132, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	E184B1
RGB	225, 132, 177
RGB Percent	88%, 52%, 69%
CMY	0.1176, 0.4824, 0.3059
CMYK	0.00, 0.41, 0.21, 0.12
HSL	331°, 61%, 70%
HSV	331°, 41%, 88%
XYZ	47.2384, 35.6844, 45.9930
YIQ	164.9370, 40.9830, 33.7110

Conversions

Conversions Part 2

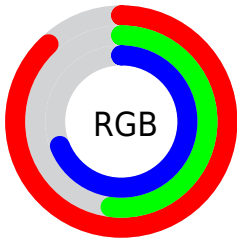
Format	Color
R_{YB}	225, 132, 177
Decimal	14779569
CIE _{Lab}	66.28, 41.41, -8.20
CIE _{LCh}	66, 42.213, 348.793
Y _{xy}	35.6844, 0.3664, 0.2768
Android (android.graphics.Color)	4292969649 (0xFFE184B1)
YUV	164.9370, 5.9471, 52.6753
Hunter-Lab	59.7364, 36.6156, -3.8338

Details

The RYB color **225, 132, 177** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **132, 193, 225**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 187, 233**, and **168, 80, 124** is the 20% darker color. If you saturate the color by 10%, you get **225, 110, 165**, and if you desaturate by 10%, it is **225, 155, 189**.

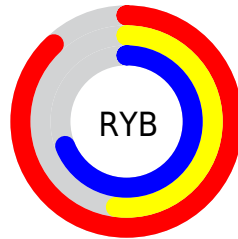
Distribution



Red (88%)

Green (52%)

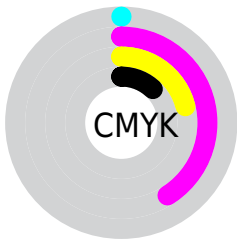
Blue (69%)



Red (88%)

Yellow (52%)

Blue (69%)

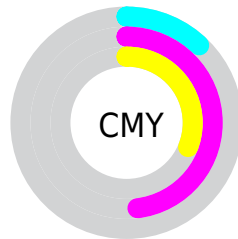


Cyan (0%)

Magenta (41%)

Yellow (21%)

Black (12%)



Cyan (12%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 132, 177 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 225, 132, 177 by changing the saturation by 10% instead.

 225, 132, 177


255, 255, 255

 255, 187, 233


 255, 215, 255

 255, 244, 255

 225, 132, 177

 196, 106, 150

 168, 80, 124

 140, 54, 100

 113, 28, 76

 87, 0, 53

 61, 0, 32

 38, 0, 5

 0, 0, 0

 225, 132, 177

 225, 132, 177

■ 225, 110, 165

■ 225, 155, 189

■ 225, 87, 154

■ 225, 177, 200

■ 225, 65, 142

■ 225, 200, 212

■ 225, 42, 131

■ 225, 222, 223

■ 225, 20, 119

■ 225, 237, 244

■ 225, 0, 109

■ 225, 242, 255

■ 225, 240, 255

Harmonies

Analogous

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



194, 142, 211



225, 132, 177



234, 131, 139

Triad

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



225, 132, 177



87, 166, 92



0, 97, 217

Complementary

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



225, 132, 177



132, 193, 225

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.



0, 91, 184



225, 132, 177



110, 175, 167

Square

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



225, 132, 177



156, 197, 86



61, 131, 180



68, 131, 235

Rectangle

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



225, 132, 177



229, 142, 115



61, 131, 180



0, 96, 207

Sweetspot

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



225, 132, 177



255, 224, 239



179, 132, 225



128, 110, 118



0, 0, 0



128, 128, 128

Same Dimension

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



225, 132, 177



255, 128, 189



225, 132, 132



112, 101, 106



176, 0, 85



48, 0, 23

Inverse Universe

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



225, 132, 177



255, 128, 189



132, 179, 225



112, 101, 106



176, 0, 85



48, 0, 23

Previews

White Background



This preview shows how the RYB color 225, 132, 177 looks on a white background.

Color Contrast Check

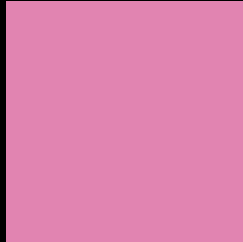
Large Text (above 18pt) WCAG AA × Fail

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 225, 132, 177 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 225, 132, 177 Background



This preview shows how black text looks on a background with the RYB color 225, 132, 177.



This preview shows how white text looks on a background with the RYB color 225, 132, 177.

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
225, 132, 177

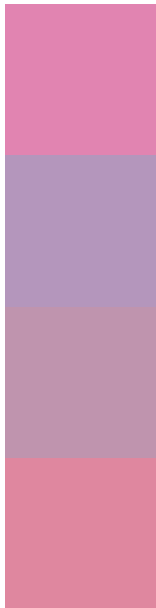
Protanopia
154, 159, 195

Deuteranopia
172, 157, 173



Tritanopia
222, 137, 148

Trichromacy



Original Color
225, 132, 177

Protanomaly
180, 150, 188

Deuteranomaly
191, 148, 174

Tritanomaly
223, 135, 159

Monochromacy



Original Color
225, 132, 177

Achromatopsia
165, 165, 165

Achromatomaly
187, 153, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 132, 177 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(225, 132, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 177)  
}
```

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(225, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 177) }
```

Border

The CSS property to change the border of an element to RYB 225, 132, 177 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(225, 132, 177) }
```

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

```
.border{ border-color:rgb(225, 132, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 132, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 177);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 225, 132, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 177) }
```

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

```
.background{ background-color: rgb(225,  
132, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor