

Converting Colors

`RYB(225, 161, 165)`

Have a look what the booklet for RYB(225, 161, 165) contains.

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Color

R_YB(225, 161, 165)

Conversions

Conversions Part 1

Format	Color
Hex	E1A1A5
RGB	225, 161, 165
RGB Percent	88%, 63%, 65%
CMY	0.1176, 0.3686, 0.3529
CMYK	0.00, 0.28, 0.27, 0.12
HSL	356°, 52%, 76%
HSV	356°, 28%, 88%
XYZ	50.5877, 44.2139, 41.4652
YIQ	180.5920, 36.8600, 14.8120

Conversions

Conversions Part 2

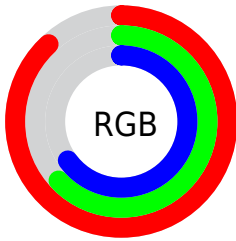
Format	Color
R _Y B	225, 161, 165
Decimal	14786981
CIE Lab	72.37, 24.29, 7.40
CIE LCh	72, 25.393, 16.935
Yxy	44.2139, 0.3712, 0.3245
Android (android.graphics.Color)	4292977061 (0xFFE1A1A5)
YUV	180.5920, -7.6869, 38.9458
Hunter-Lab	66.4935, 19.4377, 9.5724

Details

The RYB color **225, 161, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 194, 225**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 216, 220**, and **168, 109, 113** is the 20% darker color. If you saturate the color by 10%, you get **225, 139, 144**, and if you desaturate by 10%, it is **225, 184, 186**.

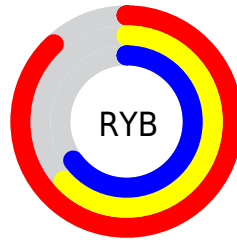
Distribution



Red (88%)

Green (63%)

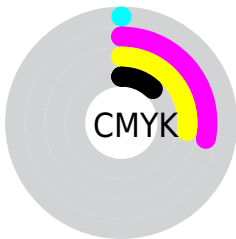
Blue (65%)



Red (88%)

Yellow (63%)

Blue (65%)

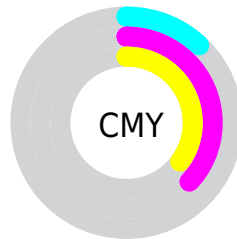


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 161, 165 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, 161, 165 by changing the saturation by 10% instead.

 225, 161, 165

 225, 161, 165

255, 255, 255

 196, 135, 139

 255, 216, 220


 168, 109, 113

 255, 245, 248

 141, 84, 89

 114, 60, 66

 89, 37, 44

 63, 15, 23

 42, 0, 0

 0, 0, 0

 225, 161, 165

 225, 161, 165

 225, 139, 144

 225, 184, 186

 225, 116, 123

 225, 206, 207

 225, 94, 102

 225, 227, 228

 225, 71, 81

 225, 239, 251

 225, 49, 60

 225, 240, 255

 225, 26, 38

 225, 3, 17

 225, 0, 14

Harmonies

Analogous

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



217, 162, 189



225, 161, 165



220, 172, 145

Triad

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



225, 161, 165



145, 186, 176



136, 166, 222

Complementary

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



225, 161, 165



161, 194, 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.



113, 155, 211



225, 161, 165



129, 167, 190

Square

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



225, 161, 165



134, 181, 133



112, 152, 191



167, 174, 222

Rectangle

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



225, 161, 165



210, 201, 135



112, 152, 191



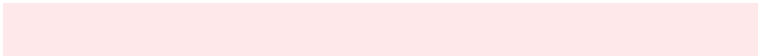
126, 162, 220

Sweetspot

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



225, 161, 165



255, 232, 233



221, 161, 225



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



225, 161, 165



255, 168, 174



225, 211, 161



112, 101, 102



176, 0, 11



48, 0, 3

Inverse Universe

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



225, 161, 165



255, 168, 174



161, 184, 225



112, 101, 102



176, 0, 11



48, 0, 3

Previews

White Background



This preview shows how the RYB color 225, 161, 165 looks on a white background.

Color Contrast Check

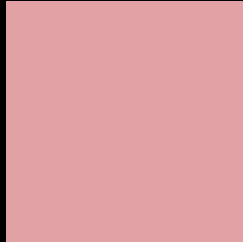
Large Text (above 18pt) WCAG AA × Fail

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, 161, 165 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, 161, 165 Background



This preview shows how black text looks on a background with the RYB color 225, 161, 165.



This preview shows how white text looks on a background with the RYB color 225, 161, 165.

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, 161, 165

Protanopia
182, 179, 174

Deuteranopia
200, 175, 163



Tritanopia
226, 160, 172

Trichromacy



Original Color
225, 161, 165

Protanomaly
198, 171, 171

Deuteranomaly
209, 168, 164

Tritanomaly
226, 160, 169

Monochromacy



Original Color
225, 161, 165

Achromatopsia
181, 181, 181

Achromatomaly
197, 174, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 161, 165 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, 161, 165) looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 165)  
}
```

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, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 165) }
```

Border

The CSS property to change the border of an element to RYB 225, 161, 165 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, 161, 165) }
```

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

```
.border{ border-color:rgb(225, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(225, 161,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 225, 161, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 165) }
```

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

```
.background{ background-color: rgb(225,  
161, 165) }
```

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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