

Converting Colors

`RYB(171, 65, 108)`

Have a look what the booklet for
RYB(171, 65, 108) contains.

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Color

`RYB(171, 65, 108)`

Conversions

Conversions Part 1

Format	Color
Hex	AB416C
RGB	171, 65, 108
RGB Percent	67%, 25%, 42%
CMY	0.3294, 0.7451, 0.5765
CMYK	0.00, 0.62, 0.37, 0.33
HSL	336°, 45%, 46%
HSV	336°, 62%, 67%
XYZ	21.3917, 13.5212, 15.6698
YIQ	101.5960, 49.3730, 35.8450

Conversions

Conversions Part 2

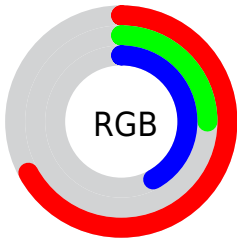
Format	Color
R_{YB}	171, 65, 108
Decimal	11223404
CIE _{Lab}	43.54, 47.51, -2.16
CIE _{LCh}	44, 47.557, 357.401
Yxy	13.5212, 0.4229, 0.2673
Android (android.graphics.Color)	4289413484 (0xFFAB416C)
YUV	101.5960, 3.1572, 60.8673
Hunter-Lab	36.7712, 39.4927, 0.4739

Details

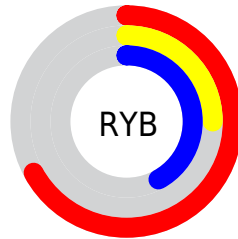
The RYB color **171, 65, 108** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **65, 131, 171**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **229, 118, 159**, and **115, 0, 61** is the 20% darker color. If you saturate the color by 10%, you get **171, 48, 98**, and if you desaturate by 10%, it is **171, 82, 118**.

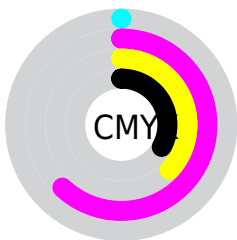
Distribution



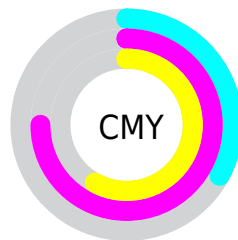
- Red (67%)
- Green (25%)
- Blue (42%)



- Red (67%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (33%)





- Cyan (33%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 65, 108 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 171, 65, 108 by changing the saturation by 10% instead.

 171, 65, 108

 171, 65, 108

255, 255, 255

 143, 37, 84

 229, 118, 159

 115, 0, 61

 255, 145, 186

 87, 0, 39

 255, 173, 214


 62, 0, 18


 255, 201, 242


 33, 0, 1

 255, 230, 255


 0, 0, 0

 171, 65, 108

 171, 65, 108

 171, 48, 98

 171, 82, 118

 171, 31, 88

 171, 99, 128

171, 14, 78

171, 116, 138

171, 0, 69

171, 133, 149

171, 150, 159

171, 168, 169

171, 180, 185

171, 191, 202

171, 201, 219

Harmonies

Analogous

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



147, 76, 146



171, 65, 108



172, 69, 69

Triad

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



171, 65, 108



25, 111, 49



0, 69, 169

Complementary

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



171, 65, 108



65, 131, 171

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, 64, 138



171, 65, 108



28, 96, 118

Square

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



171, 65, 108



47, 126, 13



0, 67, 121



0, 68, 182

Rectangle

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



171, 65, 108



163, 92, 46



0, 67, 121



0, 68, 160

Sweetspot

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



171, 65, 108



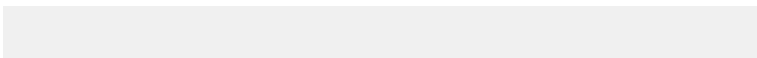
222, 180, 197



127, 65, 171



112, 86, 97



240, 240, 240



112, 112, 112

Same Dimension

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



171, 65, 108



222, 58, 124



171, 75, 65



87, 78, 82



150, 0, 61



23, 0, 9

Inverse Universe

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



171, 65, 108



222, 58, 124



65, 116, 171



87, 78, 82



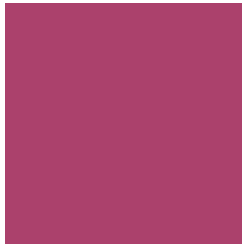
150, 0, 61



23, 0, 9

Previews

White Background



This preview shows how the RYB color 171, 65, 108 looks on a white background.

Color Contrast Check

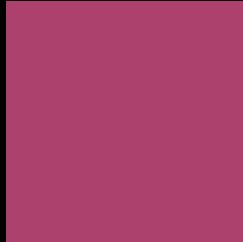
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 171, 65, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

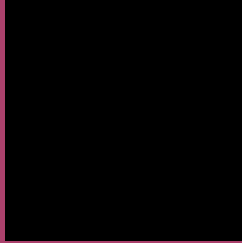
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 171, 65, 108 Background



This preview shows how black text looks on a background with the RYB color 171, 65, 108.

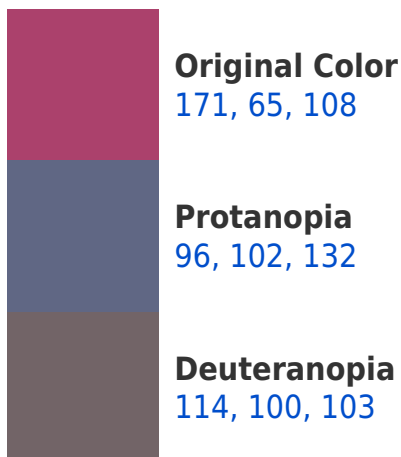


This preview shows how white text looks on a background with the RYB color 171, 65, 108.

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
169, 72, 77

Trichromacy



Original Color

171, 65, 108

Protanomaly

123, 89, 123

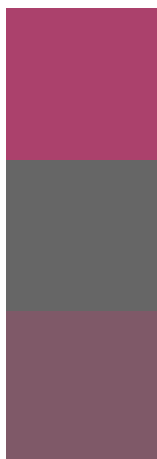
Deuteranomaly

135, 87, 105

Tritanomaly

170, 69, 88

Monochromacy



Original Color

171, 65, 108

Achromatopsia

102, 102, 102

Achromatomaly

127, 89, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 65, 108 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(171, 65, 108)` looks like.

```
.text, #text, p{  
    color:rgb(171, 65, 108)  
}
```

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(171, 65, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 65, 108) }
```

Border

The CSS property to change the border of an element to RYB 171, 65, 108 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(171, 65, 108) }
```

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

```
.border{ border-color:rgb(171, 65, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 65, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 65, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 65, 108); box-shadow:4px 4px 4px 4px rgb(171, 65, 108) }
```

Background

The CSS property to change the background color of an element to RGB 171, 65, 108 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 65, 108) }
```

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

```
.background{ background-color: rgb(171, 65,  
108) }
```

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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