Converting Colors

RGB(174, 65, 108)

Have a look what the booklet for RGB(174, 65, 108) contains.

Color

RGB(174, 65, 108)

Conversions

Conversions Part 1

Format	Color
Hex	AE416C
RGB	174, 65, 108
RGB Percent	68%, 25%, 42%
CMY	0.3176, 0.7451, 0.5765
CMYK	0.00, 0.63, 0.38, 0.32
HSL	336°, 46%, 47%
HSV	336°, 63%, 68%
XYZ	22.0526, 13.8620, 15.7007
YIQ	102.4930, 51.1610, 36.4810

Conversions

Conversions Part 2

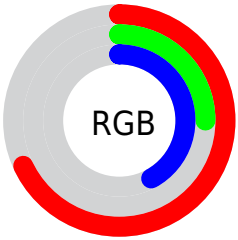
Format	Color
RYB	174, 65, 108
Decimal	11420012
CIELab	44.03, 48.47, -1.37
CIELCh	44, 48.490, 358.381
Yxy	13.8620, 0.4272, 0.2686
Android (android.graphics.Color)	4289610092 (0xFFAE416C)
YUV	102.4930, 2.7150, 62.7116
Hunter-Lab	37.2317, 40.5716, 1.0594

Details

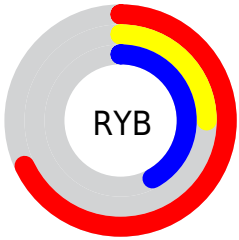
The RGB color 174, 65, 108 is a dark color, and the websafe version is hex 993366. A complement of this color would be 65, 174, 131, and the grayscale version is 102, 102, 102.

A 20% lighter version of the original color is 233, 118, 159, and 117, 0, 61 is the 20% darker color. If you saturate the color by 10%, you get 174, 48, 97, and if you desaturate by 10%, it is 174, 82, 119.

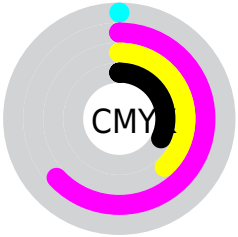
Distribution



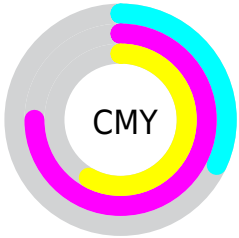
- Red (68%)
- Green (25%)
- Blue (42%)



- Red (68%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (63%)
- Yellow (38%)
- Black (32%)



- Cyan (32%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 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 RGB color 174, 65, 108 by changing the saturation by 10% instead.

174, 65, 108	174, 65, 108
255, 255, 255	145, 37, 84
233, 118, 159	117, 0, 61
255, 146, 186	90, 0, 39
255, 173, 214	64, 0, 19
255, 202, 242	36, 0, 1
255, 230, 255	0, 0, 0

174, 65, 108	174, 65, 108
174, 48, 97	174, 82, 119
174, 30, 87	174, 100, 129

174, 13, 76

174, 0, 69

174, 117, 140

174, 135, 150

174, 152, 161

174, 169, 171

174, 187, 182

174, 204, 192

174, 222, 203

Harmonies

Analogous

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

150, 76, 147

174, 65, 108

175, 70, 68

Triad

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

174, 65, 108

87, 113, 25

0, 119, 172

Complementary

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

174, 65, 108

65, 174, 131

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, 123, 141

174, 65, 108

22, 120, 60

Square

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

174, 65, 108

126, 101, 10

0, 123, 101

0, 109, 185

Rectangle

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

174, 65, 108

164, 80, 45

0, 123, 101

0, 121, 164

Sweetspot

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

174, 65, 108

227, 184, 201

130, 65, 174

115, 88, 99

242, 242, 242

115, 115, 115

Same Dimension

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

174, 65, 108

227, 57, 124

174, 76, 65

87, 78, 81

150, 0, 59

23, 0, 9

Inverse Universe

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

174, 65, 108

227, 57, 124

65, 163, 174

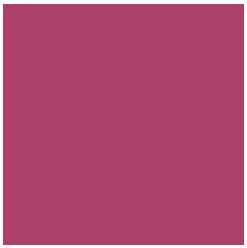
87, 78, 81

150, 0, 59

23, 0, 9

Previews

White Background

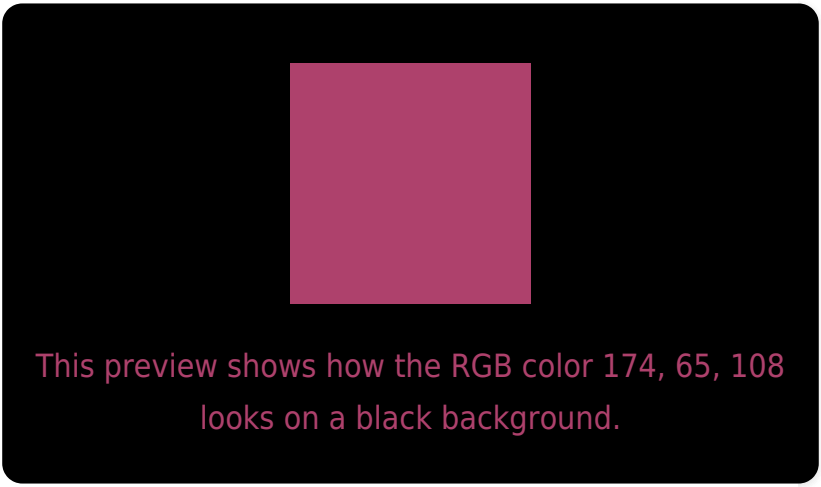


This preview shows how the RGB color 174, 65, 108 looks on a white background.

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

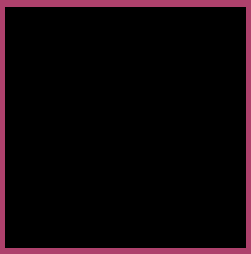


Color Contrast Check

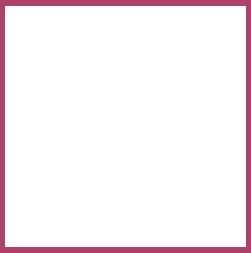
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 174, 65, 108 Background



This preview shows how black text looks on a background with the RGB color 174, 65, 108.



This preview shows how white text looks on a background with the RGB color 174, 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

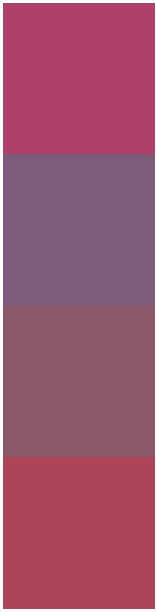
Original Color
174, 65, 108

Protanopia
98, 104, 132

Deuteranopia
116, 101, 103

Tritanopia
172, 72, 76

Trichromacy



Original Color
174, 65, 108

Protanomaly
126, 90, 123

Deuteranomaly
137, 88, 105

Tritanomaly
173, 69, 88

Monochromacy

Original Color
174, 65, 108

Achromatopsia
102, 102, 102

Achromatomaly
128, 89, 104

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 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(174, 65, 108) looks like.

```
.text, #text, p{
    color:rgb(174, 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(174, 65, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 65, 108) }
```

Border

The CSS property to change the border of an element to RGB 174, 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(174, 65, 108) }
```

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

```
.border{ border-color:rgb(174, 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(174, 65, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 65, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 65, 108); box-shadow:4px 4px 4px 4px rgb(174, 65, 108) }
```

Background

The CSS property to change the background color of an element to RGB 174, 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(174, 65, 108) }
```

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

```
.background{ background-color:rgb(174, 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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