

Converting Colors

CIELCh(75, 33.278, 10.887)

Have a look what the booklet for
CIELCh(75, 33.278, 10.887) contains.

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Color

CIELCh(75, 32.954, 11.435)

Conversions

Conversions Part 1

Format	Color
Hex	F5A2AE
RGB	245, 162, 174
RGB Percent	96%, 64%, 68%
CMY	0.0394, 0.3649, 0.3178
CMYK	0.00, 0.34, 0.29, 0.04
HSL	351°, 80%, 80%
HSV	351°, 34%, 96%
XYZ	58.1819, 48.2781, 46.2695
YIQ	188.1850, 45.6160, 21.3280

Conversions

Conversions Part 2

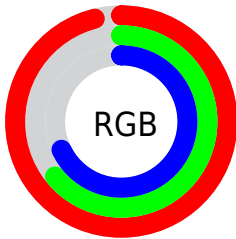
Format	Color
R _{YB}	245, 162, 174
Decimal	16097966
CIE _{Lab}	75.00, 32.30, 6.53
CIE _{LCh}	75, 32.954, 11.435
Y _{xy}	48.2781, 0.3809, 0.3161
Android (android.graphics.Color)	4294288046 (0xFFF5A2AE)
YUV	188.1850, -6.9932, 49.8268
Hunter-Lab	69.4824, 27.8747, 9.1555

Details

The CIELCh color **75, 32.954, 11.435** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 27.810, 184.617**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.589, 357.555**, and **55, 33.108, 10.984** is the 20% darker color. If you saturate the color by 10%, you get **69, 43.576, 13.219**, and if you desaturate by 10%, it is **81, 22.634, 10.006**.

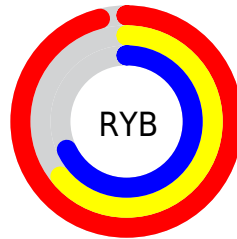
Distribution



Red (96%)

Green (64%)

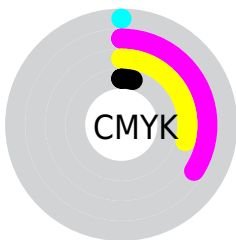
Blue (68%)



Red (96%)

Yellow (64%)

Blue (68%)

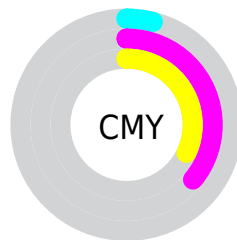


Cyan (0%)

Magenta (34%)

Yellow (29%)

Black (4%)



Cyan (4%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 32.954, 11.435 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 CIELCh color 75, 32.954, 11.435 by changing the saturation by 10% instead.

75, 32.954, 11.435

75, 32.954, 11.435

100, 32.954,
11.435

65, 32.954, 11.435

95, 32.954, 11.435

55, 32.954, 11.435

45, 32.954, 11.435

35, 32.954, 11.435

25, 32.954, 11.435

15, 32.954, 11.435

5, 32.954, 11.435

0, 32.954, 11.435

75, 32.954, 11.435

75, 32.954, 11.435

69, 43.576, 13.219

81, 22.634, 10.006

64, 54.247, 15.469

87, 12.783, 8.823

60, 64.605, 18.331

94, 3.469, 7.729

56, 74.261, 21.941

99, 3.477, 199.375

53, 82.916, 26.338

52, 90.407, 31.295

51, 94.440, 34.218

Harmonies

Complementary

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



75, 32.954, 11.435



91, 27.810, 184.617

Rectangle

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



75, 32.954, 11.435



75, 32.954, 61.435



75, 32.954, 191.435



75, 32.954, 241.435

Sweetspot

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



75, 32.951, 11.439



93, 9.405, 8.411



76, 50.382, 321.845



49, 6.444, 8.560



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 32.951, 11.439



74, 41.847, 12.680



81, 26.946, 55.009



48, 5.163, 8.354



39, 76.128, 33.324



8, 30.225, 19.114

Inverse Universe

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



75, 32.951, 11.439



74, 41.847, 12.680



84, 22.376, 242.112



48, 5.163, 8.354



39, 76.128, 33.324



8, 30.225, 19.114

Previews

White Background



This preview shows how the CIELCh color 75, 32.954, 11.435 looks on a white background.

Color Contrast Check

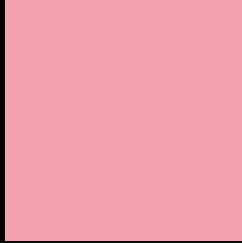
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 32.954, 11.435 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](#).

CIELCh 75, 32.954, 11.435

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.954, 11.435.

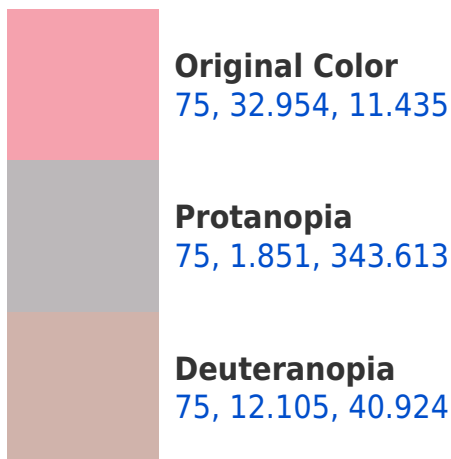


This preview shows how white text looks on a background with the CIELCh color 75, 32.954, 11.435.

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
75, 32.954, 11.435

Trichromacy



Original Color
75, 32.954, 11.435

Protanomaly
75, 12.968, 6.145

Deuteranomaly
75, 18.799, 22.621

Tritanomaly
75, 32.954, 11.435

Monochromacy



Original Color
75, 32.954, 11.435

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 11.605, 9.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.954, 11.435 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(245, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 174)  
}
```

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(245, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.954, 11.435 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(245, 162, 174) }
```

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

```
.border{ border-color:rgb(245, 162, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.954, 11.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 174) }
```

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

```
.background{ background-color: rgb(245,  
162, 174) }
```

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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