

Converting Colors

CIELCh(75, 48.174, 333.098)

Have a look what the booklet for
CIELCh(75, 48.174, 333.098)
contains.

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Color

CIELCh(75, 48.156, 333.065)

Conversions

Conversions Part 1

Format	Color
Hex	F49CE2
RGB	244, 156, 226
RGB Percent	96%, 61%, 89%
CMY	0.0447, 0.3897, 0.1153
CMYK	0.00, 0.36, 0.07, 0.04
HSL	312°, 79%, 78%
HSV	312°, 36%, 96%
XYZ	62.6636, 48.2781, 77.6816
YIQ	190.2920, 29.9780, 40.4260

Conversions

Conversions Part 2

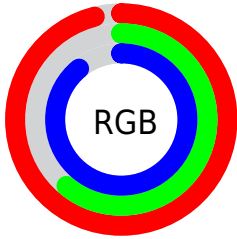
Format	Color
RYB	244, 156, 226
Decimal	16030946
CIELab	75.00, 42.93, -21.81
CIELCh	75, 48.156, 333.065
Yxy	48.2781, 0.3322, 0.2559
Android (android.graphics.Color)	4294221026 (0xFFFF49CE2)
YUV	190.2920, 17.6040, 47.1019
Hunter-Lab	69.4824, 39.3882, -17.6487

Details

The CIELCh color **75, 48.156, 333.065** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 47.968, 147.761**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.948, 325.363**, and **55, 48.116, 332.708** is the 20% darker color. If you saturate the color by 10%, you get **70, 60.686, 333.785**, and if you desaturate by 10%, it is **80, 34.973, 332.370**.

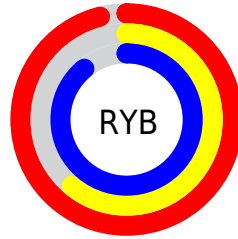
Distribution



Red (96%)

Green (61%)

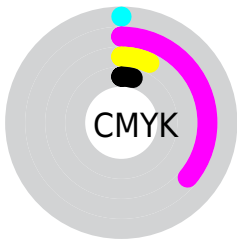
Blue (89%)



Red (96%)

Yellow (61%)

Blue (89%)

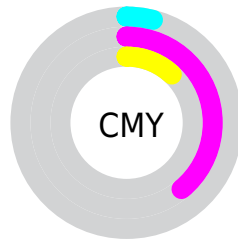


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (4%)



Cyan (4%)


Magenta (39%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 48.156, 333.065 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, 48.156, 333.065 by changing the saturation by 10% instead.


 75, 48.156,
333.065


 75, 48.156,
333.065


 100, 48.156,
333.065


 65, 48.156,
333.065


 95, 48.156,
333.065

 55, 48.156,
333.065

 45, 48.156,
333.065

 35, 48.156,
333.065

 25, 48.156,
333.065

 15, 48.156,
333.065

 5, 48.156, 333.065

0, 48.156, 333.065

75, 48.156,
333.065

75, 48.156,
333.065

70, 60.686,
333.785

80, 34.973,
332.370

65, 72.057,
334.533

86, 21.538,
331.694

62, 81.660,
335.322

92, 8.121, 331.023

98, 5.098, 150.521

59, 88.894,
336.173

99, 4.604, 169.524

57, 93.327,
337.117

99, 3.939, 199.324

55, 94.897,
338.198

■ 55, 95.024,
338.649

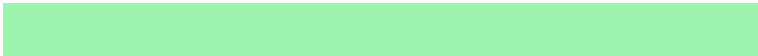
Harmonies

Complementary

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



75, 48.156, 333.065



89, 47.968, 147.761

Rectangle

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



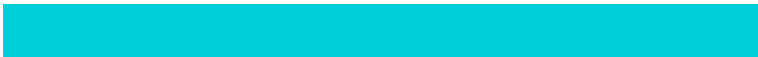
75, 48.156, 333.065



75, 48.156, 23.065



75, 48.156, 153.065



75, 48.156, 203.065

Sweetspot

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



75, 48.153, 333.065



93, 15.218, 331.356



69, 48.820, 301.159



49, 10.233, 331.447



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, 48.153, 333.065



74, 59.024, 333.566



74, 36.222, 0.227



48, 7.599, 331.253



42, 77.855, 338.437



10, 35.322, 336.820

Inverse Universe

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



75, 48.153, 333.065



74, 59.024, 333.566



90, 32.487, 172.266



48, 7.599, 331.253



42, 77.855, 338.437



10, 35.322, 336.820

Previews

White Background



This preview shows how the CIELCh color 75, 48.156, 333.065 looks on a white background.

Color Contrast Check

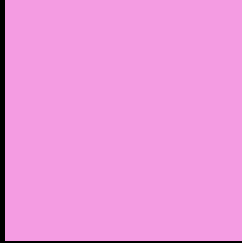
Large Text (above 18pt) WCAG AA × Fail

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, 48.156, 333.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

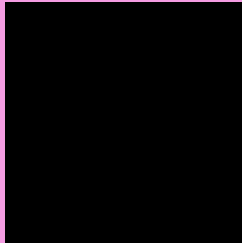
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 48.156, 333.065

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.156, 333.065.

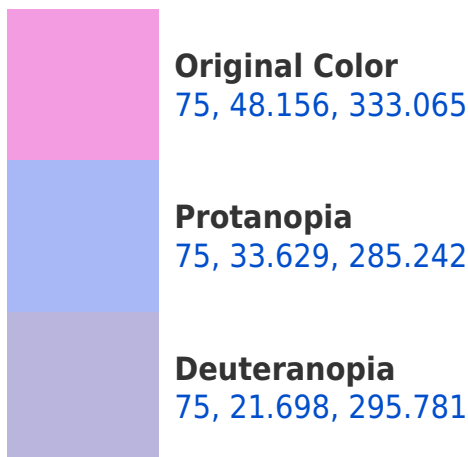


This preview shows how white text looks on a background with the CIELCh color 75, 48.156, 333.065.

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, 29.036, 8.380

Trichromacy



Original Color
75, 48.156, 333.065



Protanomaly
75, 36.083, 304.951



Deuteranomaly
75, 30.120, 315.643



Tritanomaly
75, 33.876, 351.396

Monochromacy



Original Color
75, 48.156, 333.065



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 18.283, 331.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.156, 333.065 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(244, 156, 226)` looks like.

```
.text, #text, p{  
    color:rgb(244, 156, 226)  
}
```

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(244, 156, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 156, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.156, 333.065 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(244, 156, 226) }
```

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

```
.border{ border-color:rgb(244, 156, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 156, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 156, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 156, 226);  
box-shadow:4px 4px 4px 4px rgb(244, 156,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.156, 333.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 156, 226) }
```

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

```
.background{ background-color: rgb(244,  
156, 226) }
```

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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