

Converting Colors

CIELCh(80, 55.308, 17.051)

Have a look what the booklet for
CIELCh(80, 55.308, 17.051) contains.

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Color

CIELCh(75, 39.459, 11.751)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DAC
RGB	255, 157, 172
RGB Percent	100%, 62%, 67%
CMY	0.0000, 0.3862, 0.3274
CMYK	0.00, 0.39, 0.33, 0.00
HSL	351°, 100%, 81%
HSV	351°, 39%, 100%
XYZ	60.8243, 48.2781, 44.8960
YIQ	188.0120, 53.5930, 25.4410

Conversions

Conversions Part 2

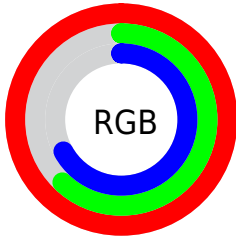
Format	Color
R _Y B	255, 157, 172
Decimal	16752044
CIE Lab	75.00, 38.63, 8.04
CIE LCh	75, 39.459, 11.751
Yxy	48.2781, 0.3950, 0.3135
Android (android.graphics.Color)	4294942124 (0xFFFF9DAC)
YUV	188.0120, -7.8939, 58.7485
Hunter-Lab	69.4824, 34.6631, 10.3276

Details

The CIELCh color **75, 39.459, 11.751** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.372, 183.496**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.913, 355.303**, and **55, 39.032, 11.482** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.242, 13.658**, and if you desaturate by 10%, it is **81, 28.413, 10.069**.

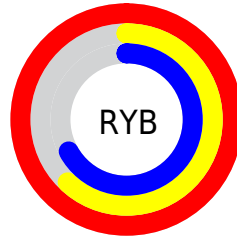
Distribution



Red (100%)

Green (62%)

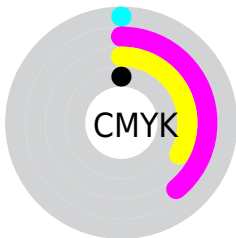
Blue (67%)



Red (100%)

Yellow (62%)

Blue (67%)

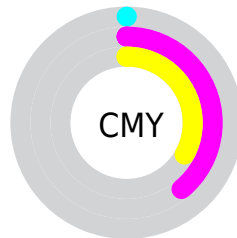


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.459, 11.751 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, 39.459, 11.751 by changing the saturation by 10% instead.

75, 39.459, 11.751

75, 39.459, 11.751

100, 39.459,
11.751

65, 39.459, 11.751

95, 39.459, 11.751

55, 39.459, 11.751

45, 39.459, 11.751

35, 39.459, 11.751

25, 39.459, 11.751

15, 39.459, 11.751

5, 39.459, 11.751

0, 39.459, 11.751

75, 39.459, 11.751

75, 39.459, 11.751

■ 69, 50.242, 13.658

■ 81, 28.413, 10.069

■ 64, 61.102, 16.190

■ 88, 17.992, 8.770

■ 60, 71.412, 19.408

■ 94, 8.089, 7.665

■ 57, 80.798, 23.423

100, 0.012,
296.813

■ 55, 89.042, 28.185

■ 53, 96.072, 33.232

■ 53, 96.988, 33.860

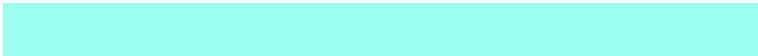
Harmonies

Complementary

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



75, 39.459, 11.751



94, 32.372, 183.496

Rectangle

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



75, 39.459, 11.751



75, 39.459, 61.751



75, 39.459, 191.751



75, 39.459, 241.751

Sweetspot

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



75, 39.236, 11.662



92, 11.375, 8.025



76, 59.014, 321.543



48, 7.574, 8.167



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, 39.236, 11.662



71, 47.358, 13.089



82, 32.385, 52.903



50, 5.350, 7.759



40, 77.365, 32.937



10, 32.267, 20.925

Inverse Universe

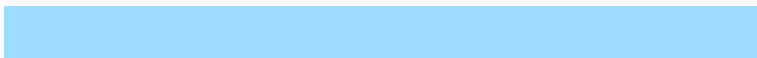
The Inverse Universe completely reimagines the original color for something new.



75, 39.236, 11.662



71, 47.358, 13.089



85, 25.812, 240.680



50, 5.350, 7.759



40, 77.365, 32.937



10, 32.267, 20.925

Previews

White Background



This preview shows how the CIELCh color 75, 39.459, 11.751 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, 39.459, 11.751 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, 39.459, 11.751

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.459, 11.751.

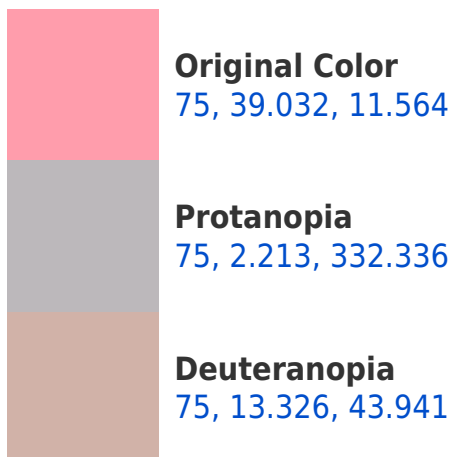


This preview shows how white text looks on a background with the CIELCh color 75, 39.459, 11.751.

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](#).

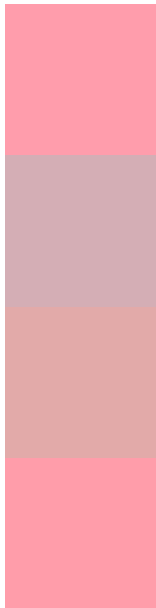
Dichromacy





Tritanopia
75, 39.016, 13.898

Trichromacy



Original Color
75, 39.032, 11.564

Protanomaly
75, 14.987, 6.210

Deuteranomaly
75, 22.101, 22.695

Tritanomaly
75, 39.013, 13.120

Monochromacy



Original Color
75, 39.032, 11.564

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.617, 9.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.459, 11.751 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(255, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 172)  
}
```

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(255, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.459, 11.751 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(255, 157, 172) }
```

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

```
.border{ border-color:rgb(255, 157, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.459, 11.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 172) }
```

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

```
.background{ background-color: rgb(255,  
157, 172) }
```

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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