

Converting Colors

CIELCh(80, 54.447, 16.301)

Have a look what the booklet for
CIELCh(80, 54.447, 16.301) contains.

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Color

CIELCh(75, 39.032, 11.564)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DAC
RGB	255, 157, 172
RGB Percent	100%, 62%, 67%
CMY	0.0005, 0.3848, 0.3260
CMYK	0.00, 0.38, 0.33, 0.00
HSL	351°, 100%, 81%
HSV	351°, 38%, 100%
XYZ	60.6584, 48.2781, 45.0878
YIQ	188.0120, 53.5930, 25.4410

Conversions

Conversions Part 2

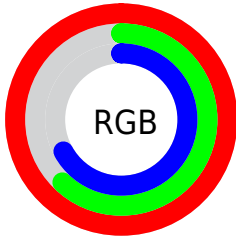
Format	Color
R _Y B	255, 157, 172
Decimal	16752044
CIE Lab	75.00, 38.24, 7.82
CIE LCh	75, 39.032, 11.564
Yxy	48.2781, 0.3938, 0.3134
Android (android.graphics.Color)	4294942124 (0xFFFF9DAC)
YUV	188.0120, -7.8939, 58.7485
Hunter-Lab	69.4824, 34.2367, 10.1639

Details

The CIELCh color **75, 39.032, 11.564** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.248, 183.442**, 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, 50.026, 13.555**, and if you desaturate by 10%, it is **81, 28.218, 9.979**.

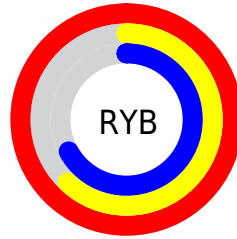
Distribution



Red (100%)

Green (62%)

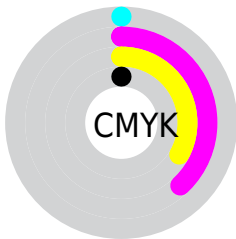
Blue (67%)



Red (100%)

Yellow (62%)

Blue (67%)

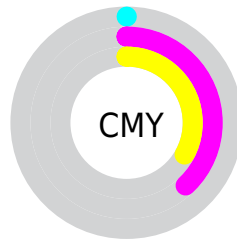


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.032, 11.564 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, 39.032, 11.564 by changing the saturation by 10% instead.

75, 39.032, 11.564

75, 39.032, 11.564

100, 39.032,
11.564

65, 39.032, 11.564

95, 39.032, 11.564

55, 39.032, 11.564

45, 39.032, 11.564

35, 39.032, 11.564

25, 39.032, 11.564

15, 39.032, 11.564

5, 39.032, 11.564

0, 39.032, 11.564

75, 39.032, 11.564

75, 39.032, 11.564

69, 50.026, 13.555

81, 28.218, 9.979

64, 60.881, 16.076

88, 17.810, 8.684

60, 71.190, 19.280

94, 7.920, 7.581

57, 80.579, 23.281

100, 0.049,
213.181

55, 88.827, 28.035

53, 95.861, 33.095

53, 96.892, 33.807

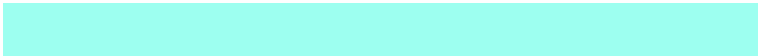
Harmonies

Complementary

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



75, 39.032, 11.564



94, 32.248, 183.442

Rectangle

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



75, 39.032, 11.564



75, 39.032, 61.564



75, 39.032, 191.564



75, 39.032, 241.564

Sweetspot

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



75, 39.029, 11.567



92, 11.377, 7.960



76, 58.727, 321.536



48, 7.576, 8.102



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, 39.029, 11.567



71, 47.357, 13.025



82, 32.204, 52.913



50, 5.351, 7.694



40, 77.322, 32.882



10, 32.262, 20.889

Inverse Universe

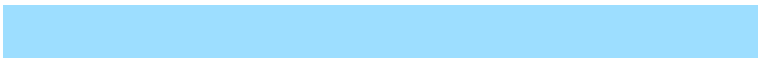
The Inverse Universe completely reimagines the original color for something new.



75, 39.029, 11.567



71, 47.357, 13.025



85, 25.698, 240.646



50, 5.351, 7.694



40, 77.322, 32.882



10, 32.262, 20.889

Previews

White Background



This preview shows how the CIELCh color 75, 39.032, 11.564 looks on a white background.

Color Contrast Check

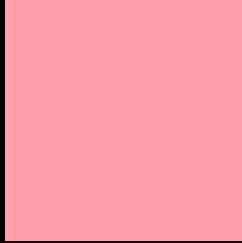
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 39.032, 11.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

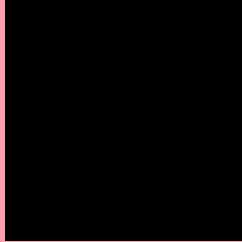
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.032, 11.564

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.032, 11.564.

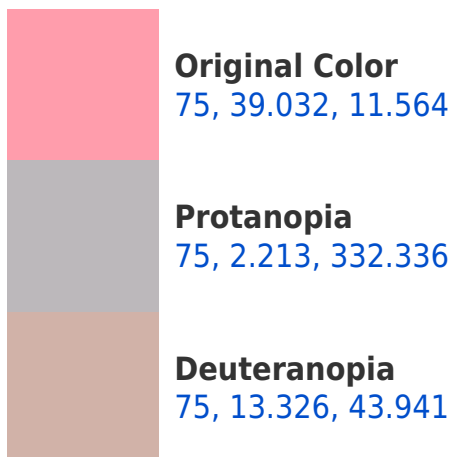


This preview shows how white text looks on a background with the CIELCh color 75, 39.032, 11.564.

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](#).

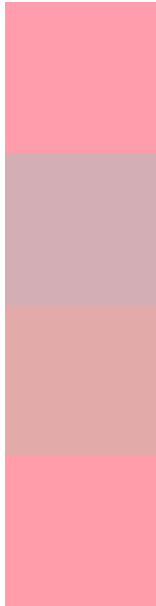
Dichromacy





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, 39.032, 11.564 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, 39.032, 11.564 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, 39.032, 11.564 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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