

Converting Colors

CIELCh(81, 55.973, 17.845)

Have a look what the booklet for
CIELCh(81, 55.973, 17.845) contains.

CIELCh(75, 38.589, 12.160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 38.589, 12.160)

Conversions

Conversions Part 1

Format	Color
Hex	FE9DAB
RGB	254, 157, 171
RGB Percent	100%, 62%, 67%
CMY	0.0031, 0.3831, 0.3282
CMYK	0.00, 0.38, 0.33, 0.00
HSL	351°, 98%, 81%
HSV	351°, 38%, 100%
XYZ	60.4403, 48.2781, 44.8125
YIQ	187.5990, 53.3180, 24.9180

Conversions

Conversions Part 2

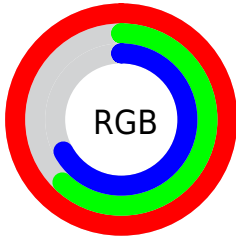
Format	Color
RYB	254, 157, 171
Decimal	16686507
CIELab	75.00, 37.72, 8.13
CIELCh	75, 38.589, 12.160
Yxy	48.2781, 0.3937, 0.3145
Android (android.graphics.Color)	4294876587 (0xFFFE9DAB)
YUV	187.5990, -8.1833, 58.2337
Hunter-Lab	69.4824, 33.6764, 10.3988

Details

The CIELCh color **75, 38.589, 12.160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.790, 184.211**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.718, 356.929**, and **55, 38.629, 12.113** is the 20% darker color. If you saturate the color by 10%, you get **69, 49.597, 14.134**, and if you desaturate by 10%, it is **81, 27.791, 10.591**.

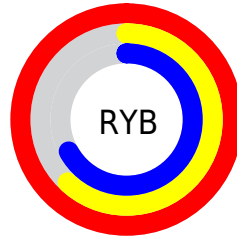
Distribution



Red (100%)

Green (62%)

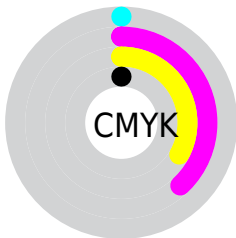
Blue (67%)



Red (100%)

Yellow (62%)

Blue (67%)

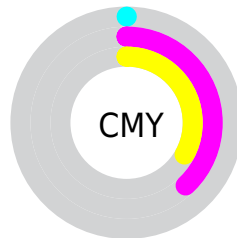


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.589, 12.160 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, 38.589, 12.160 by changing the saturation by 10% instead.

75, 38.589, 12.160

75, 38.589, 12.160

100, 38.589,
12.160

65, 38.589, 12.160

95, 38.589, 12.160

55, 38.589, 12.160

45, 38.589, 12.160

35, 38.589, 12.160

25, 38.589, 12.160

15, 38.589, 12.160

5, 38.589, 12.160

0, 38.589, 12.160

75, 38.589, 12.160

75, 38.589, 12.160

69, 49.597, 14.134

81, 27.791, 10.591

64, 60.504, 16.637

88, 17.418, 9.309

60, 70.910, 19.818

94, 7.578, 8.218

57, 80.438, 23.787

100, 0.270,
201.839

54, 88.848, 28.493

53, 96.002, 33.483

53, 97.250, 34.323

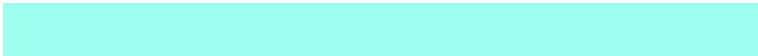
Harmonies

Complementary

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



75, 38.589, 12.160



94, 31.790, 184.211

Rectangle

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



75, 38.589, 12.160



75, 38.589, 62.160



75, 38.589, 192.160



75, 38.589, 242.160

Sweetspot

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



75, 38.586, 12.163



93, 10.376, 8.521



76, 58.328, 322.031



48, 7.000, 8.666



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, 38.586, 12.163



71, 47.372, 13.678



82, 31.747, 54.710



50, 5.339, 8.364



40, 77.761, 33.428



10, 32.313, 21.252

Inverse Universe

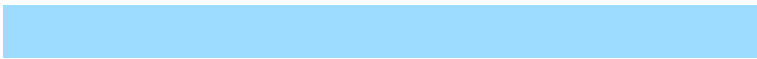
The Inverse Universe completely reimagines the original color for something new.



75, 38.586, 12.163



71, 47.372, 13.678



85, 25.644, 242.926



50, 5.339, 8.364



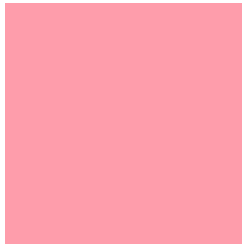
40, 77.761, 33.428



10, 32.313, 21.252

Previews

White Background



This preview shows how the CIELCh color 75, 38.589, 12.160 looks on a white background.

Color Contrast Check

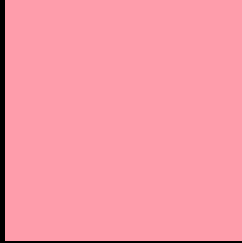
Large Text (above 18pt) WCAG AA × Fail

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, 38.589, 12.160 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, 38.589, 12.160

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.589, 12.160.



This preview shows how white text looks on a background with the CIELCh color 75, 38.589, 12.160.

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

75, 38.630, 12.185

Protanopia

75, 1.851, 343.613

Deuteranopia

75, 13.326, 43.941



Tritanopia
75, 38.196, 14.386

Trichromacy



Original Color
75, 38.630, 12.185



Protanomaly
75, 14.987, 6.210



Deuteranomaly
75, 21.696, 22.685



Tritanomaly
75, 38.189, 13.591

Monochromacy



Original Color
75, 38.630, 12.185



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, 38.589, 12.160 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(254, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 171)  
}
```

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(254, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.589, 12.160 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(254, 157, 171) }
```

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

```
.border{ border-color:rgb(254, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.589, 12.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 171) }
```

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

```
.background{ background-color: rgb(254,  
157, 171) }
```

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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