

Converting Colors

CIELCh(75, 35.959, 38.394)

Have a look what the booklet for
CIELCh(75, 35.959, 38.394) contains.

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Color

CIELCh(75, 35.908, 38.387)

Conversions

Conversions Part 1

Format	Color
Hex	F6A491
RGB	246, 164, 145
RGB Percent	96%, 64%, 57%
CMY	0.0346, 0.3562, 0.4308
CMYK	0.00, 0.33, 0.41, 0.03
HSL	11°, 85%, 77%
HSV	11°, 41%, 97%
XYZ	56.4907, 48.2781, 33.1889
YIQ	186.3520, 54.9710, 11.4750

Conversions

Conversions Part 2

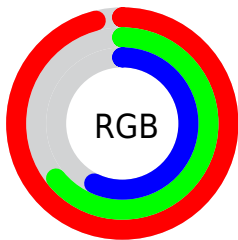
Format	Color
R _Y B	246, 168, 145
Decimal	16163985
CIE Lab	75.00, 28.15, 22.30
CIE LCh	75, 35.908, 38.387
Yxy	48.2781, 0.4095, 0.3499
Android (android.graphics.Color)	4294354065 (0xFFFF6A491)
YUV	186.3520, -20.3865, 52.3113
Hunter-Lab	69.4824, 23.5301, 20.3173

Details

The CIELCh color **75, 35.908, 38.387** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 26.491, 220.224**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 17.281, 56.715**, and **55, 36.056, 38.340** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.498, 38.936**, and if you desaturate by 10%, it is **80, 26.042, 38.071**.

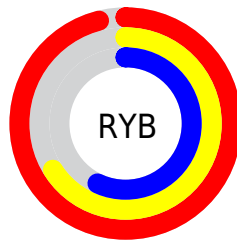
Distribution



Red (96%)

Green (64%)

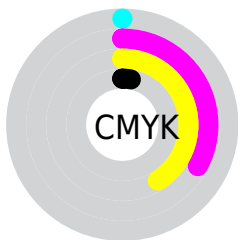
Blue (57%)



Red (96%)

Yellow (66%)

Blue (57%)

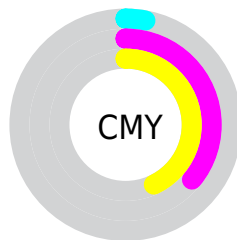


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (3%)



Cyan (3%)

Magenta (36%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 35.908, 38.387 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, 35.908, 38.387 by changing the saturation by 10% instead.

 75, 35.908, 38.387

 75, 35.908, 38.387

 100, 35.908,
38.387

 65, 35.908, 38.387

 95, 35.908, 38.387

 55, 35.908, 38.387

 45, 35.908, 38.387

 35, 35.908, 38.387

 25, 35.908, 38.387

 15, 35.908, 38.387

 5, 35.908, 38.387

 0, 35.908, 38.387

 75, 35.908, 38.387

 75, 35.908, 38.387

70, 46.498, 38.936

80, 26.042, 38.071

66, 57.723, 39.734

85, 16.921, 37.927

62, 69.348, 40.770

91, 8.513, 37.903

58, 80.839, 41.906

96, 0.766, 37.269

55, 91.001, 42.706

99, 3.056, 199.428

54, 97.643, 42.745

Harmonies

Complementary

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



75, 35.908, 38.387



86, 26.491, 220.224

Rectangle

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



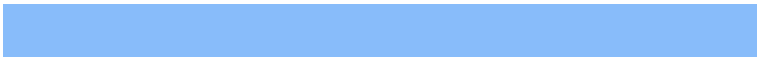
75, 35.908, 38.387



75, 35.908, 88.387



75, 35.908, 218.387



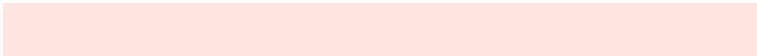
75, 35.908, 268.387

Sweetspot

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



75, 35.906, 38.392



93, 9.563, 37.903



73, 55.694, 332.612



49, 6.378, 37.903



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, 35.906, 38.392



73, 45.584, 38.811



87, 38.214, 87.062



48, 4.336, 37.903



41, 78.731, 43.137



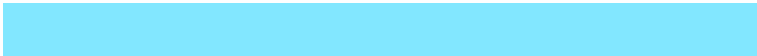
10, 27.646, 35.141

Inverse Universe

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



86, 26.491, 220.224



87, 31.270, 221.107



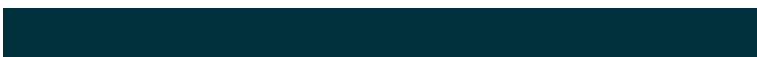
72, 38.291, 279.410



50, 4.083, 218.427



58, 34.515, 233.006



17, 15.281, 227.566

Previews

White Background



This preview shows how the CIELCh color 75, 35.908, 38.387 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, 35.908, 38.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

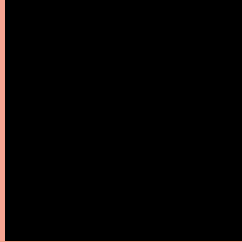
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 35.908, 38.387

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.908, 38.387.

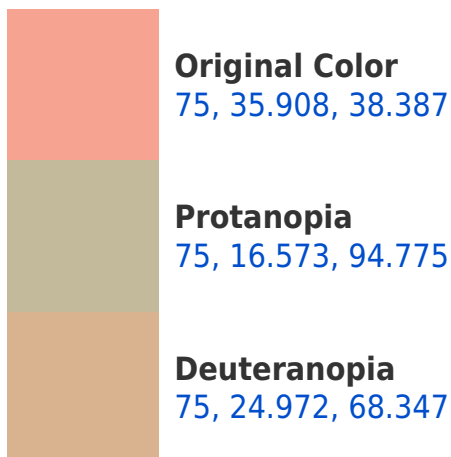


This preview shows how white text looks on a background with the CIELCh color 75, 35.908, 38.387.

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, 35.369, 12.487

Trichromacy



Original Color
75, 35.908, 38.387

Protanomaly
75, 20.696, 62.338

Deuteranomaly
75, 27.949, 54.299

Tritanomaly
75, 34.527, 22.562

Monochromacy



Original Color
75, 35.908, 38.387

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.278, 38.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.908, 38.387 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(246, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(246, 164, 145)  
}
```

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(246, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 164, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.908, 38.387 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(246, 164, 145) }
```

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

```
.border{ border-color:rgb(246, 164, 145) }
```

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

Here you see how a box with a 4 pixel rgb(246, 164, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 164, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 164, 145);  
box-shadow:4px 4px 4px 4px rgb(246, 164,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.908, 38.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 164, 145) }
```

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

```
.background{ background-color: rgb(246,  
164, 145) }
```

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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