

Converting Colors

CIELCh(75, 37.765, 40.945)

Have a look what the booklet for
CIELCh(75, 37.765, 40.945) contains.

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Color

CIELCh(75, 37.710, 40.940)

Conversions

Conversions Part 1

Format	Color
Hex	F8A48D
RGB	248, 164, 141
RGB Percent	97%, 64%, 55%
CMY	0.0286, 0.3579, 0.4480
CMYK	0.00, 0.34, 0.43, 0.03
HSL	13°, 88%, 76%
HSV	13°, 43%, 97%
XYZ	56.6279, 48.2781, 31.4362
YIQ	186.4940, 57.4470, 10.6550

Conversions

Conversions Part 2

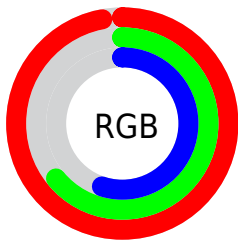
Format	Color
R _Y B	248, 170, 141
Decimal	16295053
CIE Lab	75.00, 28.49, 24.71
CIE LCh	75, 37.710, 40.940
Yxy	48.2781, 0.4153, 0.3541
Android (android.graphics.Color)	4294485133 (0xFFF8A48D)
YUV	186.4940, -22.4285, 53.9408
Hunter-Lab	69.4824, 23.8825, 21.8129

Details

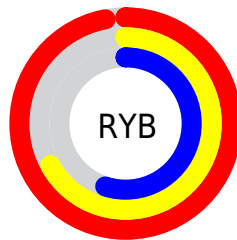
The CIELCh color **75, 37.710, 40.940** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 27.474, 224.271**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 18.686, 61.476**, and **55, 37.752, 40.284** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.344, 41.331**, and if you desaturate by 10%, it is **80, 27.793, 40.761**.

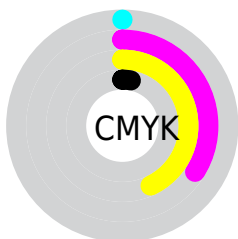
Distribution



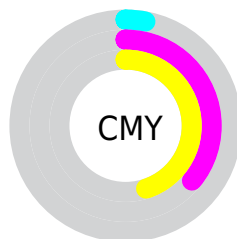
- Red (97%)
- Green (64%)
- Blue (55%)



- Red (97%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)
- Black (3%)



- Cyan (3%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 37.710, 40.940 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, 37.710, 40.940 by changing the saturation by 10% instead.

75, 37.710, 40.940

75, 37.710, 40.940

100, 37.710,
40.940

65, 37.710, 40.940

95, 37.710, 40.940

55, 37.710, 40.940

45, 37.710, 40.940

35, 37.710, 40.940

25, 37.710, 40.940

15, 37.710, 40.940

5, 37.710, 40.940

0, 37.710, 40.940

75, 37.710, 40.940

75, 37.710, 40.940

70, 48.344, 41.331

80, 27.793, 40.761

66, 59.595, 41.937

85, 18.617, 40.745

62, 71.191, 42.722

90, 10.154, 40.846

59, 82.503, 43.502

96, 2.350, 40.873

56, 92.143, 43.774

99, 2.525, 199.507

55, 97.052, 43.523

Harmonies

Complementary

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



75, 37.710, 40.940



85, 27.474, 224.271

Rectangle

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



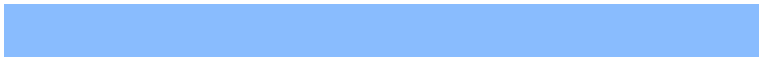
75, 37.710, 40.940



75, 37.710, 90.940



75, 37.710, 220.940



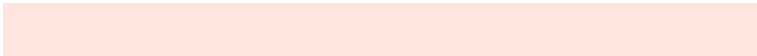
75, 37.710, 270.940

Sweetspot

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



75, 37.708, 40.945



93, 10.247, 40.848



72, 58.059, 333.399



48, 7.236, 40.819



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, 37.708, 40.945



73, 48.189, 41.278



87, 40.988, 88.082



49, 4.344, 40.896



42, 78.664, 43.944



11, 28.514, 37.433

Inverse Universe

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



85, 27.474, 224.271



85, 32.405, 225.545



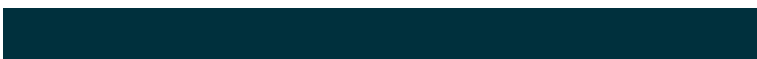
71, 41.485, 281.102



51, 4.096, 221.666



57, 35.356, 238.892



18, 15.774, 232.986

Previews

White Background



This preview shows how the CIELCh color 75, 37.710, 40.940 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, 37.710, 40.940 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, 37.710, 40.940

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.710, 40.940.



This preview shows how white text looks on a background with the CIELCh color 75, 37.710, 40.940.

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, 37.710, 40.940

Protanopia

75, 19.273, 95.153

Deuteranopia

75, 27.297, 69.549



Tritanopia
75, 36.190, 12.824

Trichromacy



Original Color
75, 37.710, 40.940

Protanomaly
75, 22.608, 65.230

Deuteranomaly
75, 30.120, 56.423

Tritanomaly
75, 35.482, 23.501

Monochromacy



Original Color
75, 37.710, 40.940

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.495, 40.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.710, 40.940 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(248, 164, 141)` looks like.

```
.text, #text, p{  
    color:rgb(248, 164, 141)  
}
```

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(248, 164, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 164, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.710, 40.940 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(248, 164, 141) }
```

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

```
.border{ border-color:rgb(248, 164, 141) }
```

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

Here you see how a box with a 4 pixel rgb(248, 164, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 164, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 164, 141);  
box-shadow:4px 4px 4px 4px rgb(248, 164,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.710, 40.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 164, 141) }
```

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

```
.background{ background-color: rgb(248,  
164, 141) }
```

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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