

Converting Colors

CIELCh(91, 97.709, 37.814)

Have a look what the booklet for
CIELCh(91, 97.709, 37.814) contains.

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Color

CIELCh(74, 48.283, 46.385)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D78
RGB	255, 157, 120
RGB Percent	100%, 62%, 47%
CMY	0.0000, 0.3859, 0.5312
CMYK	0.00, 0.39, 0.53, 0.00
HSL	16°, 100%, 73%
HSV	16°, 53%, 100%
XYZ	56.8340, 46.7039, 23.6459
YIQ	182.0840, 70.2850, 9.2690

Conversions

Conversions Part 2

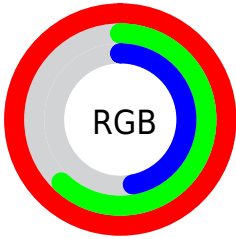
Format	Color
R _Y B	255, 171, 120
Decimal	16751992
CIE Lab	74.00, 33.31, 34.96
CIE LCh	74, 48.283, 46.385
Yxy	46.7039, 0.4469, 0.3672
Android (android.graphics.Color)	4294942072 (0xFFFF9D78)
YUV	182.0840, -30.6074, 63.9473
Hunter-Lab	68.3403, 28.8509, 27.3237

Details

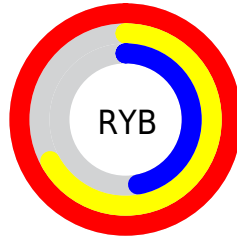
The CIELCh color **74, 48.283, 46.385** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 32.942, 234.788**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 26.751, 68.824**, and **54, 47.433, 46.835** is the 20% darker color. If you saturate the color by 10%, you get **70, 59.186, 46.596**, and if you desaturate by 10%, it is **78, 37.471, 46.574**.

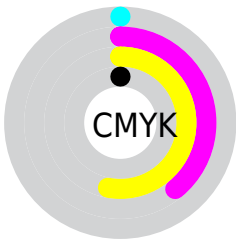
Distribution



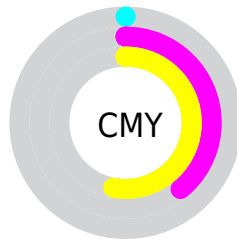
- Red (100%)
- Green (62%)
- Blue (47%)



- Red (100%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.283, 46.385 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 74, 48.283, 46.385 by changing the saturation by 10% instead.

74, 48.283, 46.385

74, 48.283, 46.385

100, 48.283,
46.385

64, 48.283, 46.385

94, 48.283, 46.385

54, 48.283, 46.385

44, 48.283, 46.385

34, 48.283, 46.385

24, 48.283, 46.385

14, 48.283, 46.385

4, 48.283, 46.385

0, 48.283, 46.385

74, 48.283, 46.385

74, 48.283, 46.385

70, 59.186, 46.596

78, 37.471, 46.574

66, 70.713, 46.775

83, 27.638, 46.783

62, 81.962, 46.860

88, 18.526, 47.114

59, 91.574, 46.388

93, 10.100, 47.528

58, 96.573, 45.610

98, 2.306, 47.838

100, 0.012,
296.813

Harmonies

Complementary

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



74, 48.283, 46.385



83, 32.942, 234.788

Rectangle

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



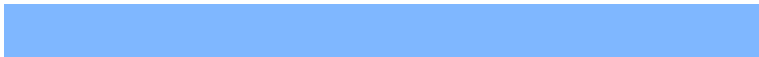
74, 48.283, 46.385



74, 48.283, 96.385



74, 48.283, 226.385



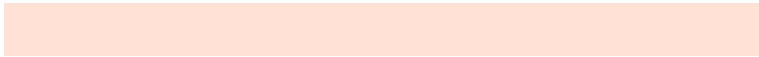
74, 48.283, 276.385

Sweetspot

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



74, 48.018, 46.511



92, 12.462, 47.403



69, 68.504, 336.995



48, 8.483, 47.316



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 48.018, 46.511



69, 60.196, 46.609



90, 54.321, 91.681



50, 4.316, 47.683



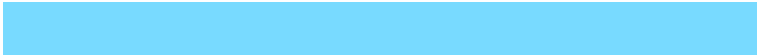
44, 77.289, 46.140



13, 28.917, 41.875

Inverse Universe

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



83, 32.942, 234.788



79, 37.568, 237.520



64, 57.888, 287.823



51, 4.088, 228.977



54, 37.964, 251.130



17, 16.794, 244.399

Previews

White Background



This preview shows how the CIELCh color 74, 48.283, 46.385 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 74, 48.283, 46.385 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 74, 48.283, 46.385

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.283, 46.385.



This preview shows how white text looks on a background with the CIELCh color 74, 48.283, 46.385.

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
74, 40.809, 16.036

Trichromacy



Original Color
74, 47.814, 46.569

Protanomaly
74, 31.817, 71.836

Deuteranomaly
74, 40.047, 63.072

Tritanomaly
74, 41.957, 28.289

Monochromacy



Original Color
74, 47.814, 46.569

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 16.315, 47.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.283, 46.385 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.283, 46.385 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, 120) }
```

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

```
.border{ border-color:rgb(255, 157, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 120); box-shadow:4px 4px 4px 4px rgb(255, 157, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.283, 46.385 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, 120) }
```

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

```
.background{ background-color: rgb(255,  
157, 120) }
```

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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