

Converting Colors

CIELCh(79, 60.633, 48.081)

Have a look what the booklet for
CIELCh(79, 60.633, 48.081) contains.

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Color

CIELCh(75, 49.120, 53.424)

Conversions

Conversions Part 1

Format	Color
Hex	FEA271
RGB	254, 162, 113
RGB Percent	100%, 64%, 44%
CMY	0.0030, 0.3634, 0.5554
CMYK	0.00, 0.36, 0.55, 0.00
HSL	21°, 99%, 72%
HSV	21°, 55%, 100%
XYZ	56.9451, 48.2781, 22.0510
YIQ	183.9220, 70.5610, 4.2650

Conversions

Conversions Part 2

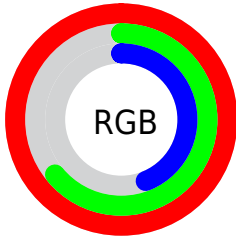
Format	Color
R _Y B	254, 188, 113
Decimal	16687729
CIE Lab	75.00, 29.27, 39.45
CIE LCh	75, 49.120, 53.424
Yxy	48.2781, 0.4474, 0.3793
Android (android.graphics.Color)	4294877809 (0xFFFEA271)
YUV	183.9220, -34.9645, 61.4584
Hunter-Lab	69.4824, 24.6974, 29.8214

Details

The CIELCh color **75, 49.120, 53.424** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 35.213, 246.716**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 30.694, 78.262**, and **55, 48.843, 53.700** is the 20% darker color. If you saturate the color by 10%, you get **71, 59.887, 52.924**, and if you desaturate by 10%, it is **79, 38.849, 53.993**.

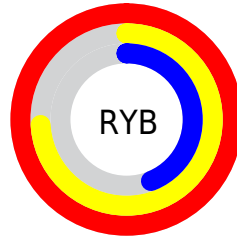
Distribution



Red (100%)

Green (64%)

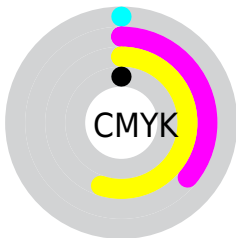
Blue (44%)



Red (100%)

Yellow (74%)

Blue (44%)

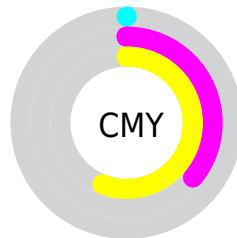


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 49.120, 53.424 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, 49.120, 53.424 by changing the saturation by 10% instead.

75, 49.120, 53.424

75, 49.120, 53.424

100, 49.120,
53.424

65, 49.120, 53.424

95, 49.120, 53.424

55, 49.120, 53.424

45, 49.120, 53.424

35, 49.120, 53.424

25, 49.120, 53.424

15, 49.120, 53.424

5, 49.120, 53.424

0, 49.120, 53.424

75, 49.120, 53.424

75, 49.120, 53.424

71, 59.887, 52.924

79, 38.849, 53.993

67, 70.826, 52.394

83, 29.202, 54.638

64, 81.178, 51.608

88, 20.198, 55.358

61, 89.510, 50.093

93, 11.814, 56.127

60, 92.568, 49.207

97, 4.000, 56.866

100, 0.262,
201.922

Harmonies

Complementary

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



75, 49.120, 53.424



79, 35.213, 246.716

Rectangle

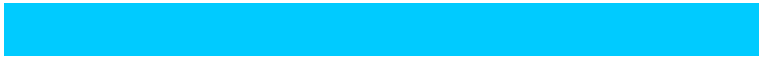
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 49.120, 53.424



75, 49.120, 103.424



75, 49.120, 233.424



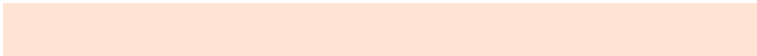
75, 49.120, 283.424

Sweetspot

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



75, 49.119, 53.428



92, 13.142, 56.002



68, 67.867, 340.424



48, 8.854, 55.846



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, 49.119, 53.428



71, 60.684, 52.894



91, 59.460, 95.872



51, 4.279, 56.583



46, 74.262, 49.831



14, 27.973, 47.616

Inverse Universe

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



79, 35.213, 246.716



75, 40.410, 250.079



60, 65.989, 291.953



51, 4.089, 238.459



50, 42.906, 264.592



15, 18.337, 257.331

Previews

White Background



This preview shows how the CIELCh color 75, 49.120, 53.424 looks on a white background.

Color Contrast Check

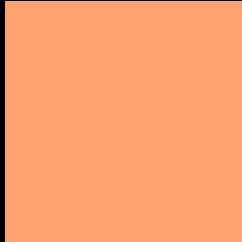
Large Text (above 18pt) WCAG AA × Fail

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, 49.120, 53.424 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, 49.120, 53.424

Background



This preview shows how black text looks on a background with the CIELCh color 75, 49.120, 53.424.



This preview shows how white text looks on a background with the CIELCh color 75, 49.120, 53.424.

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](#).

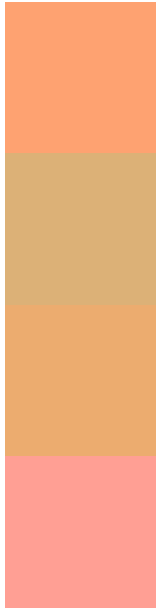
Dichromacy





Tritanopia
75, 39.026, 14.676

Trichromacy



Original Color
75, 49.192, 53.413

Protanomaly
75, 36.461, 76.891

Deuteranomaly
75, 43.710, 67.544

Tritanomaly
75, 40.278, 31.158

Monochromacy



Original Color
75, 49.192, 53.413

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.802, 55.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 49.120, 53.424 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, 162, 113)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 113)  
}
```

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, 162, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 49.120, 53.424 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, 162, 113) }
```

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

```
.border{ border-color:rgb(254, 162, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 113);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 49.120, 53.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 113) }
```

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

```
.background{ background-color: rgb(254,  
162, 113) }
```

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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