

Converting Colors

CIELCh(76, 53.404, 61.210)

Have a look what the booklet for
CIELCh(76, 53.404, 61.210) contains.

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Color

CIELCh(76, 53.476, 61.116)

Conversions

Conversions Part 1

Format	Color
Hex	FEA765
RGB	254, 167, 101
RGB Percent	100%, 65%, 40%
CMY	0.0021, 0.3435, 0.6024
CMYK	0.00, 0.34, 0.60, 0.00
HSL	26°, 99%, 70%
HSV	26°, 60%, 100%
XYZ	57.2989, 49.8872, 19.0179
YIQ	185.4890, 73.0380, -2.0820

Conversions

Conversions Part 2

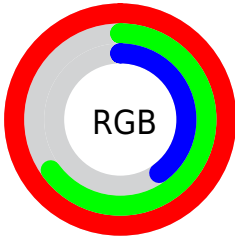
Format	Color
R_{YB}	254, 217, 101
Decimal	16688997
CIE Lab	76.00, 25.83, 46.82
CIE LCh	76, 53.476, 61.116
Yxy	49.8872, 0.4540, 0.3953
Android (android.graphics.Color)	4294879077 (0xFFFEA765)
YUV	185.4890, -41.6531, 60.0841
Hunter-Lab	70.6309, 21.2031, 33.4774

Details

The CIELCh color **76, 53.476, 61.116** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74, 41.068, 259.962**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 38.100, 86.643**, and **56, 53.459, 61.510** is the 20% darker color. If you saturate the color by 10%, you get **73, 63.760, 60.031**, and if you desaturate by 10%, it is **80, 43.385, 62.162**.

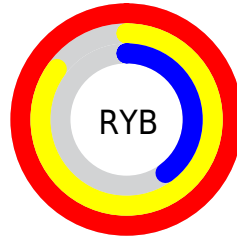
Distribution



Red (100%)

Green (65%)

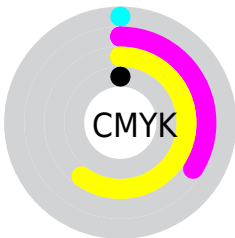
Blue (40%)



Red (100%)

Yellow (85%)

Blue (40%)

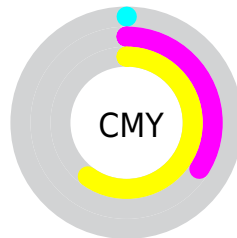


Cyan (0%)

Magenta (34%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 53.476, 61.116 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 76, 53.476, 61.116 by changing the saturation by 10% instead.

 76, 53.476, 61.116

 76, 53.476, 61.116

 100, 53.476,
61.116

 66, 53.476, 61.116

 96, 53.476, 61.116

 56, 53.476, 61.116

 46, 53.476, 61.116

 36, 53.476, 61.116

 26, 53.476, 61.116

 16, 53.476, 61.116

 6, 53.476, 61.116

 0, 53.476, 61.116

 76, 53.476, 61.116

 76, 53.476, 61.116

73, 63.760, 60.031

80, 43.385, 62.162

69, 73.710, 58.755

83, 33.722, 63.213

66, 82.295, 56.990

87, 24.570, 64.285

64, 88.400, 54.505

91, 15.936, 65.372

96, 7.797, 66.449

100, 0.111, 63.085

100, 0.189,
202.900

Harmonies

Complementary

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



76, 53.476, 61.116



74, 41.068, 259.962

Rectangle

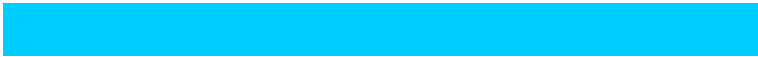
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 53.476, 61.116



76, 53.476, 111.116



76, 53.476, 241.116



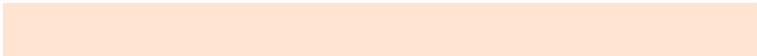
76, 53.476, 291.116

Sweetspot

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



76, 53.475, 61.120



93, 14.163, 65.607



65, 69.121, 345.622



48, 9.927, 65.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 53.475, 61.120



72, 65.754, 59.816



94, 68.502, 100.300



51, 4.363, 66.517



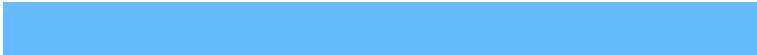
49, 70.952, 55.199



15, 27.240, 55.118

Inverse Universe

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



74, 41.068, 259.962



69, 48.047, 264.388



54, 80.152, 296.807



51, 4.221, 248.853



45, 50.690, 276.586



13, 20.993, 269.547

Previews

White Background



This preview shows how the CIELCh color 76, 53.476, 61.116 looks on a white background.

Color Contrast Check

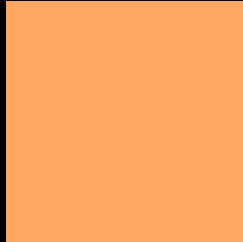
Large Text (above 18pt) WCAG AA × Fail

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 76, 53.476, 61.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

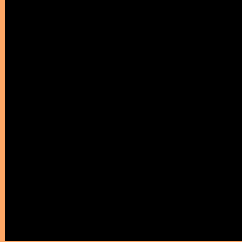
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 53.476, 61.116

Background



This preview shows how black text looks on a background with the CIELCh color 76, 53.476, 61.116.



This preview shows how white text looks on a background with the CIELCh color 76, 53.476, 61.116.

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

76, 53.476, 61.116

Protanopia

76, 42.294, 95.747

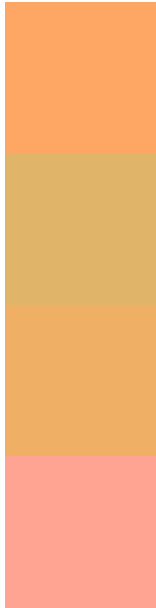
Deuteranopia

76, 48.366, 78.601



Tritanopia
76, 37.286, 14.043

Trichromacy



Original Color
76, 53.476, 61.116

Protanomaly
76, 44.264, 81.443

Deuteranomaly
76, 49.595, 71.833

Tritanomaly
76, 39.595, 35.630

Monochromacy



Original Color
76, 53.476, 61.116

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 18.343, 64.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 53.476, 61.116 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, 167, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 101)  
}
```

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, 167, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 53.476, 61.116 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, 167, 101) }
```

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

```
.border{ border-color:rgb(254, 167, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 167, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 53.476, 61.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 167, 101) }
```

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

```
.background{ background-color: rgb(254,  
167, 101) }
```

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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