

Converting Colors

CIELCh(77, 54.662, 67.841)

Have a look what the booklet for
CIELCh(77, 54.662, 67.841) contains.

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Color

CIELCh(77, 54.662, 67.841)

Conversions

Conversions Part 1

Format	Color
Hex	FBAE60
RGB	251, 174, 96
RGB Percent	98%, 68%, 38%
CMY	0.0164, 0.3182, 0.6241
CMYK	0.00, 0.31, 0.62, 0.02
HSL	30°, 95%, 68%
HSV	30°, 62%, 98%
XYZ	56.9321, 51.5317, 17.9775
YIQ	188.1310, 70.9300, -7.9340

Conversions

Conversions Part 2

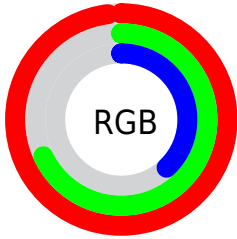
Format	Color
R_{YB}	249, 251, 96
Decimal	16494176
CIE _{Lab}	77.00, 20.62, 50.62
CIE _{LCh}	77, 54.662, 67.841
Yxy	51.5317, 0.4503, 0.4076
Android (android.graphics.Color)	4294684256 (0xFFFBAE60)
YUV	188.1310, -45.4206, 55.1361
Hunter-Lab	71.7856, 15.9409, 35.4018

Details

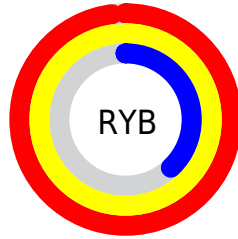
The CIELCh color **77, 54.662, 67.841** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69, 45.837, 269.157**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 42.586, 93.022**, and **57, 54.621, 67.779** is the 20% darker color. If you saturate the color by 10%, you get **74, 64.280, 66.400**, and if you desaturate by 10%, it is **80, 44.962, 69.185**.

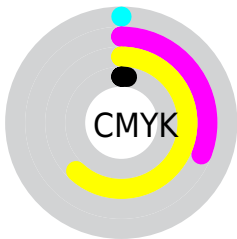
Distribution



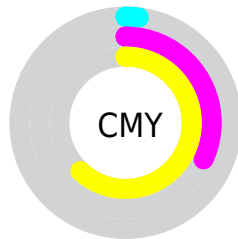
- Red (98%)
- Green (68%)
- Blue (38%)



- Red (98%)
- Yellow (98%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 54.662, 67.841 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 77, 54.662, 67.841 by changing the saturation by 10% instead.

 77, 54.662, 67.841

 77, 54.662, 67.841

 100, 54.662,
67.841

 67, 54.662, 67.841

 97, 54.662, 67.841

 57, 54.662, 67.841

 47, 54.662, 67.841

 37, 54.662, 67.841

 27, 54.662, 67.841

 17, 54.662, 67.841

 7, 54.662, 67.841

 0, 54.662, 67.841

 77, 54.662, 67.841

 77, 54.662, 67.841

74, 64.280, 66.400

80, 44.962, 69.185

71, 73.193, 64.703

84, 35.487, 70.486

68, 80.334, 62.462

87, 26.368, 71.770

66, 84.396, 60.093

91, 17.648, 73.038

94, 9.324, 74.276

98, 1.372, 75.245

100, 1.450,
199.770

Harmonies

Complementary

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



77, 54.662, 67.841



69, 45.837, 269.157

Rectangle

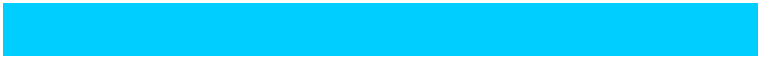
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 54.662, 67.841



77, 54.662, 117.841



77, 54.662, 247.841



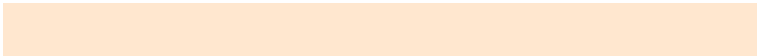
77, 54.662, 297.841

Sweetspot

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



77, 54.661, 67.845



93, 15.499, 73.385



63, 66.887, 351.126



49, 10.739, 73.026



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 54.661, 67.845



74, 67.242, 66.043



96, 74.067, 104.449



50, 4.460, 74.550



51, 67.904, 60.804



15, 25.830, 61.988

Inverse Universe

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



69, 45.837, 269.157



65, 55.146, 273.790



49, 89.533, 300.146



50, 4.364, 257.085



41, 58.059, 284.466



11, 23.090, 277.585

Previews

White Background



This preview shows how the CIELCh color 77, 54.662, 67.841 looks on a white background.

Color Contrast Check

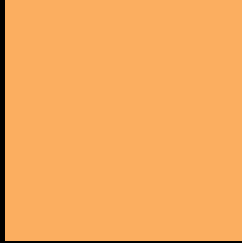
Large Text (above 18pt) WCAG AA × Fail

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 77, 54.662, 67.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

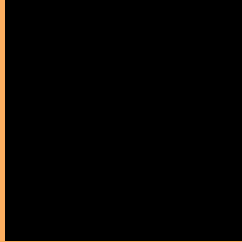
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 54.662, 67.841

Background



This preview shows how black text looks on a background with the CIELCh color 77, 54.662, 67.841.



This preview shows how white text looks on a background with the CIELCh color 77, 54.662, 67.841.

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

77, 54.662, 67.841

Protanopia

77, 47.625, 95.876

Deuteranopia

77, 52.085, 78.693



Tritanopia
77, 35.569, 12.535

Trichromacy



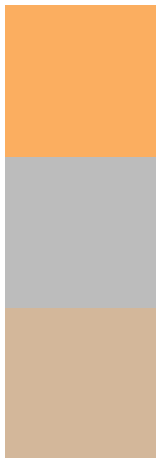
Original Color
77, 54.662, 67.841

Protanomaly
77, 48.665, 84.907

Deuteranomaly
77, 52.643, 74.185

Tritanomaly
77, 37.396, 39.340

Monochromacy



Original Color
77, 54.662, 67.841

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 19.301, 72.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 54.662, 67.841 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(251, 174, 96)` looks like.

```
.text, #text, p{  
    color:rgb(251, 174, 96)  
}
```

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(251, 174, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 174, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 54.662, 67.841 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(251, 174, 96) }
```

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

```
.border{ border-color:rgb(251, 174, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 174, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 174, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 174, 96);  
box-shadow:4px 4px 4px 4px rgb(251, 174,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 54.662, 67.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 174, 96) }
```

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

```
.background{ background-color: rgb(251,  
174, 96) }
```

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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