

Converting Colors

CIELCh(74, 66.464, 65.710)

Have a look what the booklet for
CIELCh(74, 66.464, 65.710) contains.

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Color

CIELCh(74, 66.683, 65.561)

Conversions

Conversions Part 1

Format	Color
Hex	FEA043
RGB	254, 160, 67
RGB Percent	100%, 63%, 26%
CMY	0.0032, 0.3719, 0.7367
CMYK	0.00, 0.37, 0.74, 0.00
HSL	30°, 99%, 63%
HSV	30°, 74%, 100%
XYZ	54.5510, 46.7039, 11.4728
YIQ	177.5040, 85.8770, -8.9950

Conversions

Conversions Part 2

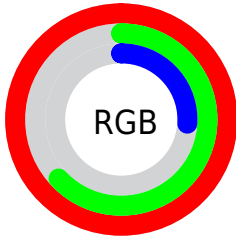
Format	Color
R_{YB}	254, 252, 67
Decimal	16687171
CIE _{Lab}	74.00, 27.59, 60.71
CIE _{LCh}	74, 66.683, 65.561
Yxy	46.7039, 0.4839, 0.4143
Android (android.graphics.Color)	4294877251 (0xFFFEA043)
YUV	177.5040, -54.4785, 67.0870
Hunter-Lab	68.3403, 22.8877, 37.8847

Details

The CIELCh color **74, 66.683, 65.561** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **65, 54.172, 272.962**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 51.670, 86.991**, and **54, 66.741, 65.560** is the 20% darker color. If you saturate the color by 10%, you get **71, 75.524, 63.814**, and if you desaturate by 10%, it is **77, 56.984, 67.020**.

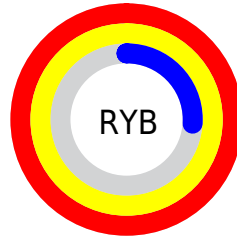
Distribution



Red (100%)

Green (63%)

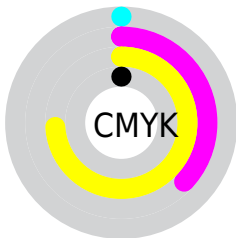
Blue (26%)



Red (100%)

Yellow (99%)

Blue (26%)

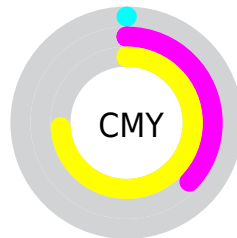


Cyan (0%)

Magenta (37%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 66.683, 65.561 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, 66.683, 65.561 by changing the saturation by 10% instead.

74, 66.683, 65.561

74, 66.683, 65.561

100, 66.683,
65.561

64, 66.683, 65.561

94, 66.683, 65.561

54, 66.683, 65.561

44, 66.683, 65.561

34, 66.683, 65.561

24, 66.683, 65.561

14, 66.683, 65.561

4, 66.683, 65.561

0, 66.683, 65.561

74, 66.683, 65.561

74, 66.683, 65.561

71, 75.524, 63.814

77, 56.984, 67.020

68, 82.355, 61.446

80, 47.137, 68.354

67, 85.486, 59.569

84, 37.494, 69.644

87, 28.208, 70.917

91, 19.333, 72.178

95, 10.869, 73.415

98, 2.795, 74.533

100, 0.287,
201.698

Harmonies

Complementary

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



74, 66.683, 65.561



65, 54.172, 272.962

Rectangle

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



74, 66.683, 65.561



74, 66.683, 115.561



74, 66.683, 245.561



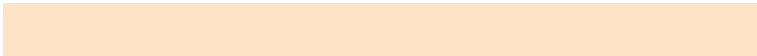
74, 66.683, 295.561

Sweetspot

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



74, 66.682, 65.564



92, 18.015, 72.375



60, 76.932, 352.545



48, 12.184, 72.036



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, 66.682, 65.564



70, 79.074, 62.865



96, 84.251, 102.806



51, 4.517, 73.903



51, 68.769, 60.272



16, 27.012, 61.558

Inverse Universe

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



65, 54.172, 272.962



59, 64.483, 279.247



42, 107.075, 302.304



51, 4.415, 256.432



41, 57.995, 283.922



12, 23.618, 277.345

Previews

White Background



This preview shows how the CIELCh color 74, 66.683, 65.561 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, 66.683, 65.561 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, 66.683, 65.561

Background



This preview shows how black text looks on a background with the CIELCh color 74, 66.683, 65.561.



This preview shows how white text looks on a background with the CIELCh color 74, 66.683, 65.561.

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

74, 66.683, 65.561

Protanopia

74, 57.029, 95.773

Deuteranopia

74, 62.253, 81.048



Tritanopia
74, 40.809, 16.036

Trichromacy



Original Color
74, 66.683, 65.561

Protanomaly
74, 58.241, 83.619

Deuteranomaly
74, 63.152, 74.698

Tritanomaly
74, 45.615, 41.664

Monochromacy



Original Color
74, 66.683, 65.561

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 23.354, 71.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 66.683, 65.561 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, 160, 67)` looks like.

```
.text, #text, p{  
    color:rgb(254, 160, 67)  
}
```

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, 160, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 66.683, 65.561 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, 160, 67) }
```

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

```
.border{ border-color:rgb(254, 160, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 160, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 67);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 66.683, 65.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 160, 67) }
```

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

```
.background{ background-color: rgb(254,  
160, 67) }
```

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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