

Converting Colors

CIELCh(74, 65.640, 65.275)

Have a look what the booklet for
CIELCh(74, 65.640, 65.275) contains.

CIELCh(74, 65.577, 64.993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 65.577, 64.993)

Conversions

Conversions Part 1

Format	Color
Hex	FEA046
RGB	254, 160, 70
RGB Percent	100%, 63%, 27%
CMY	0.0035, 0.3722, 0.7252
CMYK	0.00, 0.37, 0.72, 0.00
HSL	29°, 99%, 64%
HSV	29°, 72%, 100%
XYZ	54.6033, 46.7039, 11.9451
YIQ	177.8460, 84.9140, -8.0620

Conversions

Conversions Part 2

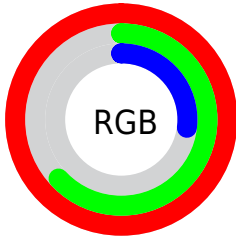
Format	Color
RYB	254, 246, 70
Decimal	16687174
CIELab	74.00, 27.72, 59.43
CIELCh	74, 65.577, 64.993
Yxy	46.7039, 0.4821, 0.4124
Android (android.graphics.Color)	4294877254 (0xFFFEA046)
YUV	177.8460, -53.1681, 66.7871
Hunter-Lab	68.3403, 23.0245, 37.4750

Details

The CIELCh color **74, 65.577, 64.993** 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 **66, 52.654, 271.582**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 50.286, 86.626**, and **54, 65.572, 65.013** is the 20% darker color. If you saturate the color by 10%, you get **71, 74.659, 63.328**, and if you desaturate by 10%, it is **77, 55.773, 66.400**.

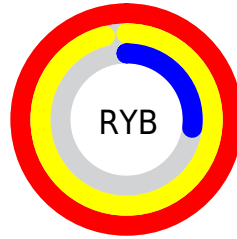
Distribution



Red (100%)

Green (63%)

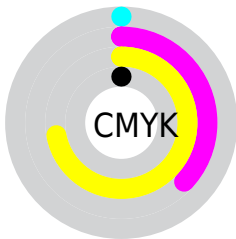
Blue (27%)



Red (100%)

Yellow (96%)

Blue (27%)

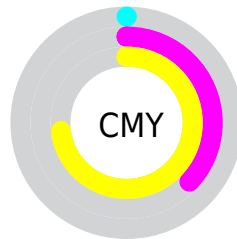


Cyan (0%)

Magenta (37%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 65.577, 64.993 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, 65.577, 64.993 by changing the saturation by 10% instead.

74, 65.577, 64.993

74, 65.577, 64.993

100, 65.577,
64.993

64, 65.577, 64.993

94, 65.577, 64.993

54, 65.577, 64.993

44, 65.577, 64.993

34, 65.577, 64.993

24, 65.577, 64.993

14, 65.577, 64.993

4, 65.577, 64.993

0, 65.577, 64.993

74, 65.577, 64.993

74, 65.577, 64.993

71, 74.659, 63.328

77, 55.773, 66.400

68, 81.909, 61.083

81, 45.905, 67.698

66, 85.782, 58.903

84, 36.286, 68.961

88, 27.053, 70.213

91, 18.245, 71.456

95, 9.859, 72.675

99, 1.868, 73.700

100, 0.313,
201.506

Harmonies

Complementary

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



74, 65.577, 64.993



66, 52.654, 271.582

Rectangle

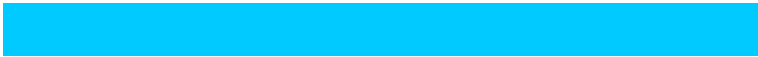
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 65.577, 64.993



74, 65.577, 114.993



74, 65.577, 244.993



74, 65.577, 294.993

Sweetspot

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



74, 65.576, 64.996



92, 17.938, 71.507



60, 76.185, 352.267



48, 12.135, 71.171



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, 65.576, 64.996



70, 78.513, 62.392



96, 83.329, 102.879



51, 4.494, 73.018



51, 69.009, 59.607



16, 27.022, 60.744

Inverse Universe

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



66, 52.654, 271.582



60, 62.811, 277.919



43, 105.329, 302.046



51, 4.387, 255.531



42, 57.047, 283.100



12, 23.271, 276.460

Previews

White Background



This preview shows how the CIELCh color 74, 65.577, 64.993 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, 65.577, 64.993 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, 65.577, 64.993

Background



This preview shows how black text looks on a background with the CIELCh color 74, 65.577, 64.993.



This preview shows how white text looks on a background with the CIELCh color 74, 65.577, 64.993.

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, 65.577, 64.993

Protanopia

74, 55.295, 95.686

Deuteranopia

74, 61.080, 80.739



Tritanopia
74, 40.809, 16.036

Trichromacy



Original Color
74, 65.577, 64.993

Protanomaly
74, 56.984, 83.307

Deuteranomaly
74, 62.126, 74.753

Tritanomaly
74, 45.341, 41.100

Monochromacy



Original Color
74, 65.577, 64.993

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 22.770, 69.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 65.577, 64.993 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(254, 160, 70)  
}
```

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, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 65.577, 64.993 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, 70) }
```

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

```
.border{ border-color:rgb(254, 160, 70) }
```

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, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 70);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 65.577, 64.993 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, 70) }
```

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

```
.background{ background-color: rgb(254,  
160, 70) }
```

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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