

Converting Colors

CIELCh(65, 79.864, 54.169)

Have a look what the booklet for
CIELCh(65, 79.864, 54.169) contains.

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Color

CIELCh(65, 79.575, 54.222)

Conversions

Conversions Part 1

Format	Color
Hex	FC7724
RGB	252, 119, 36
RGB Percent	99%, 47%, 14%
CMY	0.0115, 0.5330, 0.8585
CMYK	0.00, 0.53, 0.86, 0.01
HSL	23°, 97%, 57%
HSV	23°, 86%, 99%
XYZ	47.0976, 34.0472, 5.7642
YIQ	149.3050, 105.9110, 2.3830

Conversions

Conversions Part 2

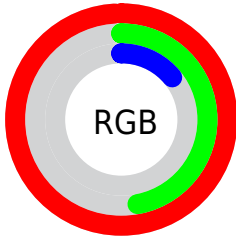
Format	Color
RYB	252, 171, 36
Decimal	16545572
CIELab	65.00, 46.52, 64.56
CIElCh	65, 79.575, 54.222
Yxy	34.0472, 0.5419, 0.3918
Android (android.graphics.Color)	4294735652 (0xFFFC7724)
YUV	149.3050, -55.8594, 90.0635
Hunter-Lab	58.3500, 41.9651, 34.9879

Details

The CIELCh color **65, 79.575, 54.222** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **66, 50.934, 263.933**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 58.320, 67.976**, and **45, 73.149, 50.070** is the 20% darker color. If you saturate the color by 10%, you get **62, 87.361, 52.347**, and if you desaturate by 10%, it is **68, 69.719, 55.357**.

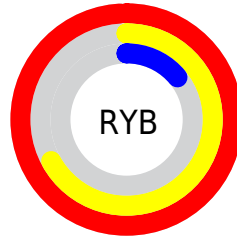
Distribution



Red (99%)

Green (47%)

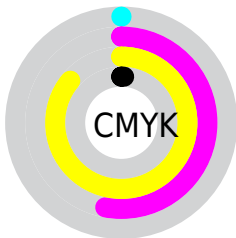
Blue (14%)



Red (99%)

Yellow (67%)

Blue (14%)

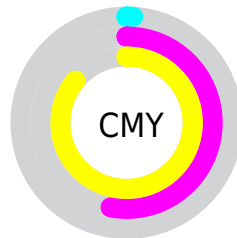


Cyan (0%)

Magenta (53%)

Yellow (86%)

Black (1%)



Cyan (1%)

Magenta (53%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 79.575, 54.222 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 65, 79.575, 54.222 by changing the saturation by 10% instead.

65, 79.575, 54.222

65, 79.575, 54.222

100, 79.575,
54.222

55, 79.575, 54.222

85, 79.575, 54.222

45, 79.575, 54.222

95, 79.575, 54.222

35, 79.575, 54.222

25, 79.575, 54.222

15, 79.575, 54.222

5, 79.575, 54.222

0, 79.575, 54.222

65, 79.575, 54.222

65, 79.575, 54.222

62, 87.361, 52.347

68, 69.719, 55.357

61, 90.073, 51.381

72, 59.178, 56.193

75, 48.716, 56.961

79, 38.680, 57.753

84, 29.202, 58.596

88, 20.315, 59.489

92, 11.998, 60.412

96, 4.209, 61.297

100, 1.015,
199.994

Harmonies

Complementary

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



65, 79.575, 54.222



66, 50.934, 263.933

Rectangle

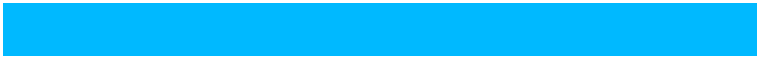
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 79.575, 54.222



65, 79.575, 104.222



65, 79.575, 234.222



65, 79.575, 284.222

Sweetspot

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



65, 79.573, 54.225



88, 20.776, 59.459



57, 85.593, 348.253



46, 14.251, 59.145



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 79.573, 54.225



62, 90.883, 51.358



90, 84.987, 95.857



50, 4.229, 60.979



46, 72.023, 52.060



13, 26.389, 50.414

Inverse Universe

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



66, 50.934, 263.933



63, 57.964, 271.208



39, 111.819, 302.112



50, 4.062, 243.082



47, 45.577, 270.195



14, 18.796, 262.582

Previews

White Background



This preview shows how the CIELCh color 65, 79.575, 54.222 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 65, 79.575, 54.222 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 65, 79.575, 54.222

Background



This preview shows how black text looks on a background with the CIELCh color 65, 79.575, 54.222.



This preview shows how white text looks on a background with the CIELCh color 65, 79.575, 54.222.

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

65, 79.575, 54.222

Protanopia

65, 57.775, 95.310

Deuteranopia

65, 67.347, 82.868



Tritanopia
65, 60.174, 22.810

Trichromacy



Original Color
65, 79.575, 54.222

Protanomaly
64, 60.857, 76.672

Deuteranomaly
65, 69.754, 70.979

Tritanomaly
65, 65.266, 37.616

Monochromacy



Original Color
65, 79.575, 54.222

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 27.312, 58.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 79.575, 54.222 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(252, 119, 36)` looks like.

```
.text, #text, p{  
    color:rgb(252, 119, 36)  
}
```

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(252, 119, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 119, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 79.575, 54.222 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(252, 119, 36) }
```

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

```
.border{ border-color:rgb(252, 119, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 119, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 119, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 119, 36);  
box-shadow:4px 4px 4px 4px rgb(252, 119,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 79.575, 54.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 119, 36) }
```

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

```
.background{ background-color: rgb(252,  
119, 36) }
```

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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