

Converting Colors

CIELCh(61, 74.195, 54.497)

Have a look what the booklet for
CIELCh(61, 74.195, 54.497) contains.

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Color

CIELCh(61, 74.273, 54.564)

Conversions

Conversions Part 1

Format	Color
Hex	EA7023
RGB	234, 112, 35
RGB Percent	92%, 44%, 14%
CMY	0.0819, 0.5603, 0.8623
CMYK	0.00, 0.52, 0.85, 0.08
HSL	23°, 83%, 53%
HSV	23°, 85%, 92%
XYZ	40.0850, 29.2481, 5.1318
YIQ	139.7000, 97.4290, 1.9170

Conversions

Conversions Part 2

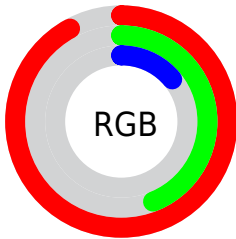
Format	Color
RYB	234, 161, 35
Decimal	15364131
CIELab	61.00, 43.06, 60.51
CIELCh	61, 74.273, 54.564
Yxy	29.2481, 0.5383, 0.3928
Android (android.graphics.Color)	4293554211 (0xFFEA7023)
YUV	139.7000, -51.6171, 82.7011
Hunter-Lab	54.0815, 37.6606, 32.2311

Details

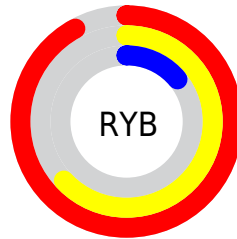
The CIELCh color **61, 74.273, 54.564** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **62, 47.932, 263.827**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 58.948, 63.904**, and **41, 68.021, 50.316** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.853, 52.779**, and if you desaturate by 10%, it is **64, 64.903, 55.670**.

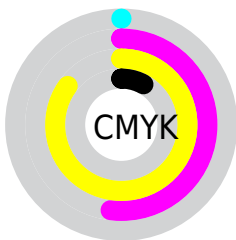
Distribution



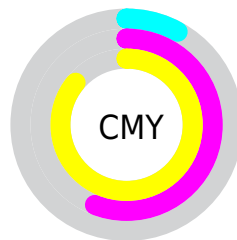
- Red (92%)
- Green (44%)
- Blue (14%)



- Red (92%)
- Yellow (63%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (85%)
- Black (8%)



- Cyan (8%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 74.273, 54.564 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 61, 74.273, 54.564 by changing the saturation by 10% instead.

61, 74.273, 54.564

61, 74.273, 54.564

100, 74.273,
54.564

51, 74.273, 54.564

81, 74.273, 54.564

41, 74.273, 54.564

91, 74.273, 54.564

31, 74.273, 54.564

21, 74.273, 54.564

11, 74.273, 54.564

1, 74.273, 54.564

0, 74.273, 54.564

61, 74.273, 54.564

61, 74.273, 54.564

58, 81.853, 52.779

64, 64.903, 55.670

57, 84.934, 51.703

67, 54.980, 56.509

71, 45.169, 57.291

75, 35.771, 58.100

78, 26.899, 58.957

82, 18.576, 59.861

87, 10.782, 60.792

91, 3.478, 61.668

95, 3.385, 242.951

Harmonies

Complementary

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



61, 74.273, 54.564



62, 47.932, 263.827

Rectangle

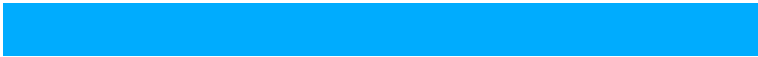
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 74.273, 54.564



61, 74.273, 104.564



61, 74.273, 234.564



61, 74.273, 284.564

Sweetspot

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



61, 74.271, 54.567



89, 20.782, 59.758



53, 80.664, 348.017



46, 14.253, 59.440



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 74.271, 54.567



62, 90.747, 51.524



84, 79.929, 95.953



47, 4.017, 61.300



45, 69.670, 52.343



11, 22.649, 49.253

Inverse Universe

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



62, 47.932, 263.827



63, 58.279, 271.589



37, 104.514, 301.861



47, 3.861, 243.406



45, 44.330, 270.416



12, 17.051, 261.478

Previews

White Background



This preview shows how the CIELCh color 61, 74.273, 54.564 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 74.273, 54.564 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 × Fail

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

CIELCh 61, 74.273, 54.564

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.273, 54.564.



This preview shows how white text looks on a background with the CIELCh color 61, 74.273, 54.564.

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

61, 74.273, 54.564

Protanopia

61, 54.518, 95.240

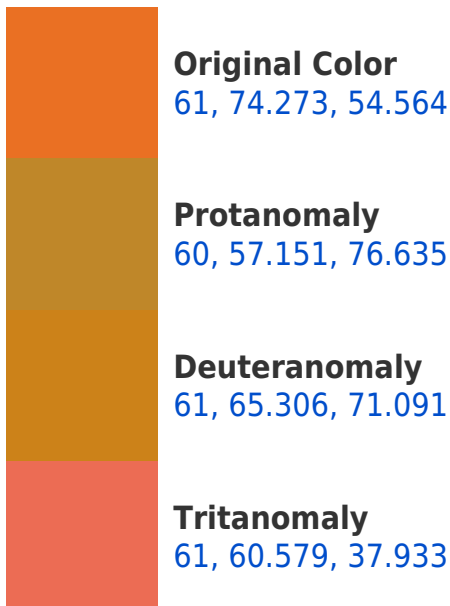
Deuteranopia

61, 63.057, 82.654

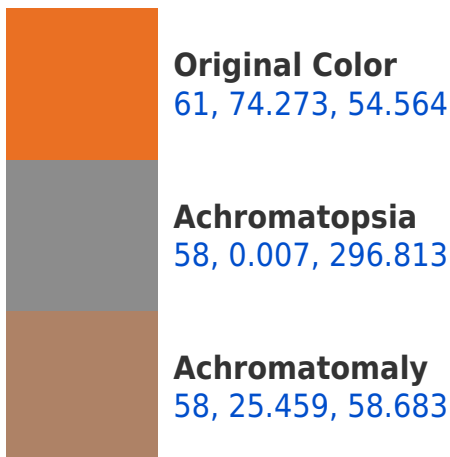


Tritanopia
61, 55.877, 22.735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.273, 54.564 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(234, 112, 35)` looks like.

```
.text, #text, p{  
    color:rgb(234, 112, 35)  
}
```

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(234, 112, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 112, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.273, 54.564 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(234, 112, 35) }
```

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

```
.border{ border-color:rgb(234, 112, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 112, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 112, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 112, 35);  
box-shadow:4px 4px 4px 4px rgb(234, 112,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.273, 54.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 112, 35) }
```

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

```
.background{ background-color: rgb(234,  
112, 35) }
```

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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