

Converting Colors

CIELCh(61, 65.500, 44.961)

Have a look what the booklet for
CIELCh(61, 65.500, 44.961) contains.

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Color

CIELCh(61, 65.514, 44.911)

Conversions

Conversions Part 1

Format	Color
Hex	EC6D43
RGB	236, 109, 67
RGB Percent	93%, 43%, 26%
CMY	0.0737, 0.5719, 0.7366
CMYK	0.00, 0.54, 0.72, 0.07
HSL	15°, 82%, 59%
HSV	15°, 72%, 93%
XYZ	41.1639, 29.2481, 8.8104
YIQ	142.1850, 89.1740, 13.8620

Conversions

Conversions Part 2

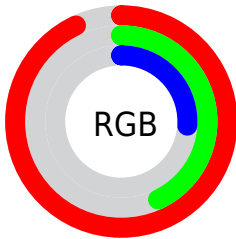
Format	Color
RYB	236, 123, 67
Decimal	15494467
CIELab	61.00, 46.40, 46.25
CIElCh	61, 65.514, 44.911
Yxy	29.2481, 0.5196, 0.3692
Android (android.graphics.Color)	4293684547 (0xFFEC6D43)
YUV	142.1850, -37.0662, 82.2758
Hunter-Lab	54.0815, 41.2216, 28.1981

Details

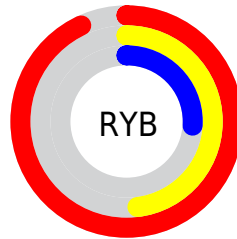
The CIELCh color **61, 65.514, 44.911** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **74, 37.489, 235.442**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 48.058, 52.119**, and **41, 65.686, 44.894** is the 20% darker color. If you saturate the color by 10%, you get **58, 76.356, 45.323**, and if you desaturate by 10%, it is **65, 54.561, 44.499**.

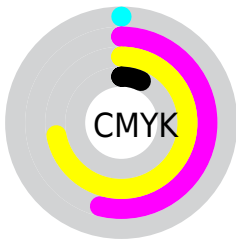
Distribution



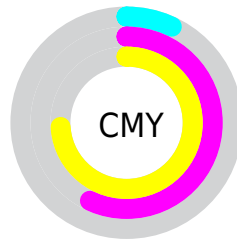
- Red (93%)
- Green (43%)
- Blue (26%)



- Red (93%)
- Yellow (48%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (72%)
- Black (7%)



- Cyan (7%)
- Magenta (57%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 65.514, 44.911 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, 65.514, 44.911 by changing the saturation by 10% instead.

 61, 65.514, 44.911

 61, 65.514, 44.911

 100, 65.514,
44.911

 51, 65.514, 44.911

 81, 65.514, 44.911

 41, 65.514, 44.911

 91, 65.514, 44.911

 31, 65.514, 44.911

 21, 65.514, 44.911

 11, 65.514, 44.911

 1, 65.514, 44.911

 0, 65.514, 44.911

 61, 65.514, 44.911

 61, 65.514, 44.911

 58, 76.356, 45.323

 65, 54.561, 44.499

55, 85.957, 45.315

69, 44.015, 44.227

53, 92.121, 44.749

73, 34.084, 44.133

78, 24.841, 44.203

83, 16.288, 44.406

88, 8.389, 44.698

93, 1.091, 44.629

98, 5.458, 220.265

99, 6.447, 199.100

Harmonies

Complementary

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



61, 65.514, 44.911



74, 37.489, 235.442

Rectangle

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



61, 65.514, 44.911



61, 65.514, 94.911



61, 65.514, 224.911



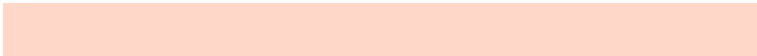
61, 65.514, 274.911

Sweetspot

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



61, 65.512, 44.914



89, 16.842, 44.419



58, 82.284, 337.135



46, 11.529, 44.350



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, 65.512, 44.914



61, 86.059, 45.411



79, 65.574, 86.635



47, 4.062, 44.761



41, 75.022, 45.236



10, 24.240, 37.472

Inverse Universe

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



74, 37.489, 235.442



76, 43.459, 240.675



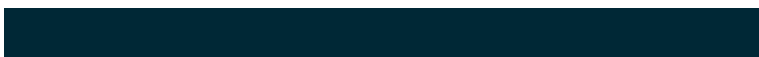
51, 71.988, 291.189



48, 3.841, 225.830



53, 35.309, 245.876



14, 14.648, 238.162

Previews

White Background



This preview shows how the CIELCh color 61, 65.514, 44.911 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, 65.514, 44.911 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, 65.514, 44.911

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.514, 44.911.



This preview shows how white text looks on a background with the CIELCh color 61, 65.514, 44.911.

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





Tritanopia
61, 56.756, 22.952

Trichromacy



Original Color
61, 65.514, 44.911

Protanomaly
60, 42.652, 69.089

Deuteranomaly
61, 51.804, 63.978

Tritanomaly
61, 58.706, 31.988

Monochromacy



Original Color
61, 65.514, 44.911

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 21.716, 43.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.514, 44.911 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(236, 109, 67)` looks like.

```
.text, #text, p{  
    color:rgb(236, 109, 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(236, 109, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 109, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.514, 44.911 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(236, 109, 67) }
```

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

```
.border{ border-color:rgb(236, 109, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 109, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 109, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 109, 67);  
box-shadow:4px 4px 4px 4px rgb(236, 109,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.514, 44.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 109, 67) }
```

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

```
.background{ background-color: rgb(236,  
109, 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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