

Converting Colors

CIELCh(59, 54.688, 46.180)

Have a look what the booklet for
CIELCh(59, 54.688, 46.180) contains.

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Color

CIELCh(59, 54.632, 46.573)

Conversions

Conversions Part 1

Format	Color
Hex	D9714A
RGB	217, 113, 74
RGB Percent	85%, 44%, 29%
CMY	0.1493, 0.5571, 0.7101
CMYK	0.00, 0.48, 0.66, 0.15
HSL	16°, 65%, 57%
HSV	16°, 66%, 85%
XYZ	35.7225, 27.0277, 9.8013
YIQ	139.6500, 74.5030, 9.9190

Conversions

Conversions Part 2

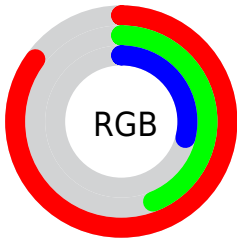
Format	Color
RYB	217, 128, 74
Decimal	14250314
CIELab	59.00, 37.56, 39.68
CIELCh	59, 54.632, 46.573
Yxy	27.0277, 0.4924, 0.3725
Android (android.graphics.Color)	4292440394 (0xFFD9714A)
YUV	139.6500, -32.3655, 67.8359
Hunter-Lab	51.9882, 31.6728, 25.2138

Details

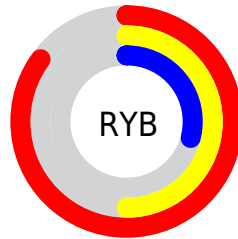
The CIELCh color **59, 54.632, 46.573** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **68, 33.683, 237.788**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 45.336, 51.001**, and **39, 54.934, 46.592** is the 20% darker color. If you saturate the color by 10%, you get **56, 64.754, 46.763**, and if you desaturate by 10%, it is **63, 44.733, 46.458**.

Distribution



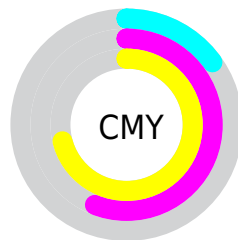
- Red (85%)
- Green (44%)
- Blue (29%)



- Red (85%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.632, 46.573 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 59, 54.632, 46.573 by changing the saturation by 10% instead.

 59, 54.632, 46.573

 59, 54.632, 46.573

 100, 54.632,
46.573

 49, 54.632, 46.573

 79, 54.632, 46.573

 39, 54.632, 46.573

 89, 54.632, 46.573

 29, 54.632, 46.573

 99, 54.632, 46.573

 19, 54.632, 46.573

 9, 54.632, 46.573

 0, 54.632, 46.573

 59, 54.632, 46.573

 59, 54.632, 46.573

 56, 64.754, 46.763

 63, 44.733, 46.458

 53, 74.454, 46.791

 67, 35.341, 46.480

50, 82.404, 46.144

71, 26.559, 46.649

49, 85.214, 45.860

75, 18.408, 46.945

79, 10.864, 47.336

84, 3.882, 47.737

89, 2.590, 228.642

93, 8.608, 229.084

97, 12.767,
198.854

Harmonies

Complementary

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



59, 54.632, 46.573



68, 33.683, 237.788

Rectangle

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



59, 54.632, 46.573



59, 54.632, 96.573



59, 54.632, 226.573



59, 54.632, 276.573

Sweetspot

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



59, 54.630, 46.576



90, 15.832, 47.160



55, 71.354, 338.167



46, 10.924, 47.050



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 54.630, 46.576



64, 77.456, 46.813



76, 58.253, 90.036



44, 3.812, 47.610



40, 71.701, 46.331



8, 20.027, 36.439

Inverse Universe

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



68, 33.683, 237.788



76, 42.514, 242.404



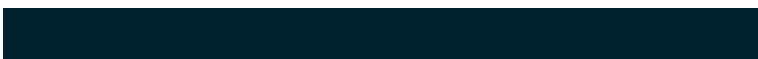
48, 64.265, 291.223



45, 3.613, 228.882



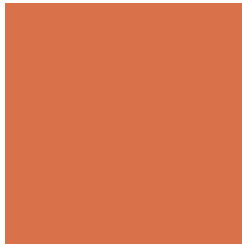
49, 35.177, 250.618



11, 13.431, 240.930

Previews

White Background



This preview shows how the CIELCh color 59, 54.632, 46.573 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 59, 54.632, 46.573 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 59, 54.632, 46.573

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.632, 46.573.



This preview shows how white text looks on a background with the CIELCh color 59, 54.632, 46.573.

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

59, 54.632, 46.573

Protanopia

59, 33.234, 96.290

Deuteranopia

59, 41.903, 79.552



Tritanopia
59, 47.067, 20.736

Trichromacy



Original Color
59, 54.632, 46.573

Protanomaly
59, 36.613, 71.560

Deuteranomaly
59, 44.420, 65.134

Tritanomaly
59, 48.391, 31.378

Monochromacy



Original Color
59, 54.632, 46.573

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 18.208, 46.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.632, 46.573 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(217, 113, 74)` looks like.

```
.text, #text, p{  
    color:rgb(217, 113, 74)  
}
```

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(217, 113, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 113, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.632, 46.573 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(217, 113, 74) }
```

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

```
.border{ border-color:rgb(217, 113, 74) }
```

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

Here you see how a box with a 4 pixel rgb(217, 113, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 113, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 113, 74);  
box-shadow:4px 4px 4px 4px rgb(217, 113,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.632, 46.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 113, 74) }
```

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

```
.background{ background-color: rgb(217,  
113, 74) }
```

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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