

Converting Colors

CIELCh(59, 57.739, 42.570)

Have a look what the booklet for
CIELCh(59, 57.739, 42.570) contains.

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Color

CIELCh(59, 57.469, 42.308)

Conversions

Conversions Part 1

Format	Color
Hex	DF6C4C
RGB	223, 108, 76
RGB Percent	87%, 42%, 30%
CMY	0.1245, 0.5756, 0.7011
CMYK	0.00, 0.52, 0.66, 0.12
HSL	13°, 70%, 59%
HSV	13°, 66%, 88%
XYZ	37.2113, 27.0277, 10.1308
YIQ	138.7370, 78.8120, 14.4280

Conversions

Conversions Part 2

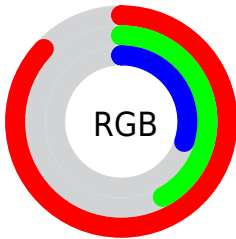
Format	Color
R_{YB}	223, 117, 76
Decimal	14642252
CIE _{Lab}	59.00, 42.50, 38.68
CIE _{LCh}	59, 57.469, 42.308
Yxy	27.0277, 0.5004, 0.3634
Android (android.graphics.Color)	4292832332 (0xFFDF6C4C)
YUV	138.7370, -30.9293, 73.8987
Hunter-Lab	51.9882, 36.7846, 24.8381

Details

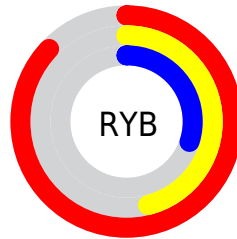
The CIELCh color **59, 57.469, 42.308** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **72, 34.052, 228.596**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 45.180, 47.042**, and **39, 57.420, 42.193** is the 20% darker color. If you saturate the color by 10%, you get **56, 68.123, 43.085**, and if you desaturate by 10%, it is **63, 47.035, 41.687**.

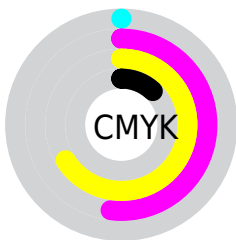
Distribution



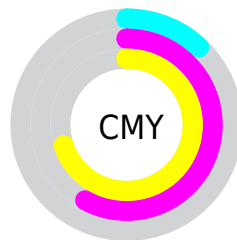
- Red (87%)
- Green (42%)
- Blue (30%)



- Red (87%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (66%)
- Black (12%)



- Cyan (12%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 57.469, 42.308 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, 57.469, 42.308 by changing the saturation by 10% instead.

59, 57.469, 42.308

59, 57.469, 42.308

100, 57.469,
42.308

49, 57.469, 42.308

79, 57.469, 42.308

39, 57.469, 42.308

89, 57.469, 42.308

29, 57.469, 42.308

99, 57.469, 42.308

19, 57.469, 42.308

9, 57.469, 42.308

0, 57.469, 42.308

59, 57.469, 42.308

59, 57.469, 42.308

56, 68.123, 43.085

63, 47.035, 41.687

53, 78.314, 43.772

67, 37.126, 41.274

50, 86.587, 43.793

72, 27.861, 41.064

49, 89.444, 43.759

76, 19.272, 41.027

81, 11.341, 41.119

86, 4.025, 41.247

91, 2.731, 221.910

96, 8.987, 222.122

98, 10.740,
198.789

Harmonies

Complementary

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



59, 57.469, 42.308



72, 34.052, 228.596

Rectangle

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



59, 57.469, 42.308



59, 57.469, 92.308



59, 57.469, 222.308



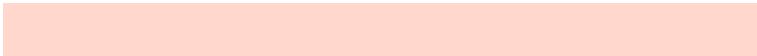
59, 57.469, 272.308

Sweetspot

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



59, 57.467, 42.311



89, 16.207, 41.067



57, 75.394, 335.820



46, 11.188, 41.042



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, 57.467, 42.311



62, 79.632, 43.372



76, 57.719, 86.203



44, 3.970, 41.214



39, 74.459, 44.169



8, 22.092, 33.367

Inverse Universe

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



72, 34.052, 228.596



79, 41.397, 232.300



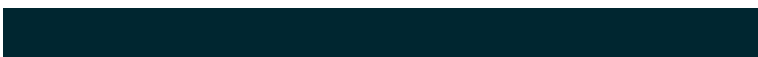
52, 61.248, 288.318



46, 3.746, 222.003



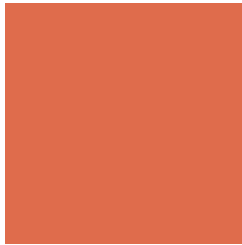
53, 33.605, 239.259



13, 13.571, 231.568

Previews

White Background



This preview shows how the CIELCh color 59, 57.469, 42.308 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, 57.469, 42.308 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, 57.469, 42.308

Background



This preview shows how black text looks on a background with the CIELCh color 59, 57.469, 42.308.



This preview shows how white text looks on a background with the CIELCh color 59, 57.469, 42.308.

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, 57.469, 42.308

Protanopia

59, 30.637, 95.784

Deuteranopia

59, 40.729, 79.657



Tritanopia
59, 51.448, 21.864

Trichromacy



Original Color
59, 57.469, 42.308

Protanomaly
58, 35.211, 66.736

Deuteranomaly
59, 44.249, 62.006

Tritanomaly
59, 52.560, 30.368

Monochromacy



Original Color
59, 57.469, 42.308

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 19.340, 41.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 57.469, 42.308 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(223, 108, 76)` looks like.

```
.text, #text, p{  
    color:rgb(223, 108, 76)  
}
```

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(223, 108, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 108, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 57.469, 42.308 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(223, 108, 76) }
```

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

```
.border{ border-color:rgb(223, 108, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 108, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 108, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 108, 76);  
box-shadow:4px 4px 4px 4px rgb(223, 108,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 57.469, 42.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 108, 76) }
```

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

```
.background{ background-color: rgb(223,  
108, 76) }
```

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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