

Converting Colors

CIELCh(59, 55.867, 47.191)

Have a look what the booklet for
CIELCh(59, 55.867, 47.191) contains.

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Color

CIELCh(59, 55.720, 47.243)

Conversions

Conversions Part 1

Format	Color
Hex	DA7148
RGB	218, 113, 72
RGB Percent	85%, 44%, 28%
CMY	0.1468, 0.5583, 0.7190
CMYK	0.00, 0.48, 0.67, 0.15
HSL	17°, 66%, 57%
HSV	17°, 67%, 85%
XYZ	35.8034, 27.0277, 9.4017
YIQ	139.7210, 75.7410, 9.5090

Conversions

Conversions Part 2

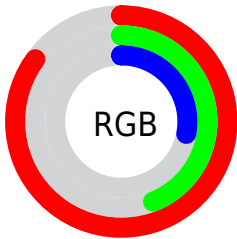
Format	Color
RYB	218, 129, 72
Decimal	14315848
CIELab	59.00, 37.83, 40.91
CIElCh	59, 55.720, 47.243
Yxy	27.0277, 0.4957, 0.3742
Android (android.graphics.Color)	4292505928 (0xFFDA7148)
YUV	139.7210, -33.3865, 68.6507
Hunter-Lab	51.9882, 31.9505, 25.6696

Details

The CIELCh color **59, 55.720, 47.243** 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, 34.268, 239.479**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 46.024, 51.962**, and **39, 55.580, 47.308** is the 20% darker color. If you saturate the color by 10%, you get **56, 65.811, 47.347**, and if you desaturate by 10%, it is **63, 45.797, 47.187**.

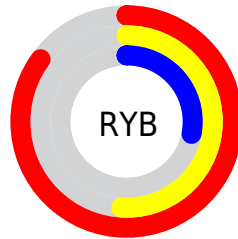
Distribution



Red (85%)

Green (44%)

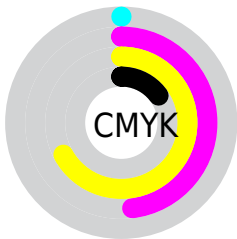
Blue (28%)



Red (85%)

Yellow (51%)

Blue (28%)

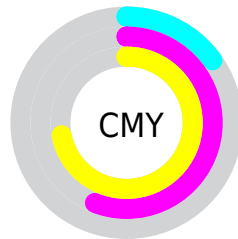


Cyan (0%)

Magenta (48%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 55.720, 47.243 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, 55.720, 47.243 by changing the saturation by 10% instead.

■ 59, 55.720, 47.243

■ 59, 55.720, 47.243

■ 100, 55.720,
47.243

■ 49, 55.720, 47.243

■ 79, 55.720, 47.243

■ 39, 55.720, 47.243

■ 89, 55.720, 47.243

■ 29, 55.720, 47.243

■ 99, 55.720, 47.243

■ 19, 55.720, 47.243

■ 9, 55.720, 47.243

■ 0, 55.720, 47.243

■ 59, 55.720, 47.243

■ 59, 55.720, 47.243

■ 56, 65.811, 47.347

■ 63, 45.797, 47.187

■ 53, 75.362, 47.236

■ 67, 36.358, 47.254

50, 83.024, 46.407

71, 27.519, 47.462

50, 85.054, 46.202

75, 19.307, 47.793

79, 11.701, 48.218

84, 4.659, 48.671

88, 1.872, 229.662

93, 7.947, 230.058

97, 12.073,
202.502

Harmonies

Complementary

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



59, 55.720, 47.243



68, 34.268, 239.479

Rectangle

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



59, 55.720, 47.243



59, 55.720, 97.243



59, 55.720, 227.243



59, 55.720, 277.243

Sweetspot

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



59, 55.718, 47.246



90, 15.793, 48.078



55, 72.379, 338.286



46, 10.896, 47.956



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, 55.718, 47.246



64, 78.264, 47.353



76, 59.279, 89.877



44, 3.804, 48.571



40, 71.403, 46.689



8, 19.927, 37.096

Inverse Universe

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



68, 34.268, 239.479



75, 43.069, 244.253



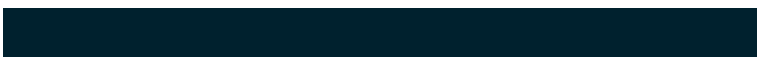
48, 65.664, 291.567



44, 3.609, 229.912



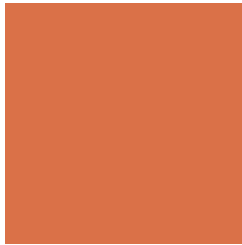
49, 35.568, 252.208



11, 13.508, 242.352

Previews

White Background



This preview shows how the CIELCh color 59, 55.720, 47.243 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, 55.720, 47.243 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, 55.720, 47.243

Background



This preview shows how black text looks on a background with the CIELCh color 59, 55.720, 47.243.



This preview shows how white text looks on a background with the CIELCh color 59, 55.720, 47.243.

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
59, 47.851, 20.322

Trichromacy



Original Color
59, 55.720, 47.243

Protanomaly
59, 37.542, 72.306

Deuteranomaly
59, 45.275, 65.824

Tritanomaly
59, 49.329, 31.394

Monochromacy



Original Color
59, 55.720, 47.243

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 18.639, 45.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 55.720, 47.243 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(218, 113, 72)` looks like.

```
.text, #text, p{  
    color:rgb(218, 113, 72)  
}
```

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(218, 113, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 113, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 55.720, 47.243 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(218, 113, 72) }
```

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

```
.border{ border-color:rgb(218, 113, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 113, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 113, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 113, 72);  
box-shadow:4px 4px 4px 4px rgb(218, 113,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 55.720, 47.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 113, 72) }
```

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

```
.background{ background-color: rgb(218,  
113, 72) }
```

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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