

Converting Colors

CIELCh(59, 55.303, 52.705)

Have a look what the booklet for
CIELCh(59, 55.303, 52.705) contains.

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Color

CIELCh(59, 55.303, 52.705)

Conversions

Conversions Part 1

Format	Color
Hex	D47441
RGB	212, 116, 65
RGB Percent	83%, 45%, 25%
CMY	0.1669, 0.5436, 0.7437
CMYK	0.00, 0.45, 0.69, 0.17
HSL	21°, 63%, 54%
HSV	21°, 69%, 83%
XYZ	34.5341, 27.0277, 8.4518
YIQ	138.8900, 73.5870, 4.4910

Conversions

Conversions Part 2

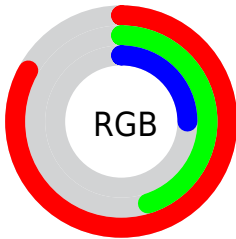
Format	Color
R_{YB}	212, 143, 65
Decimal	13923393
CIE Lab	59.00, 33.51, 43.99
CIE LCh	59, 55.303, 52.705
Yxy	27.0277, 0.4932, 0.3860
Android (android.graphics.Color)	4292113473 (0xFFD47441)
YUV	138.8900, -36.4278, 64.1175
Hunter-Lab	51.9882, 27.5924, 26.7528

Details

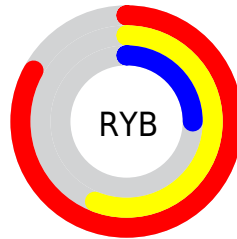
The CIELCh color **59, 55.303, 52.705** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **63, 36.169, 250.877**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 48.352, 57.163**, and **39, 55.450, 52.903** is the 20% darker color. If you saturate the color by 10%, you get **56, 64.700, 52.146**, and if you desaturate by 10%, it is **62, 45.898, 53.196**.

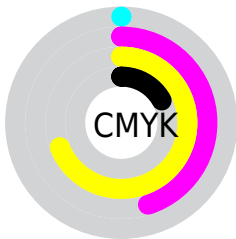
Distribution



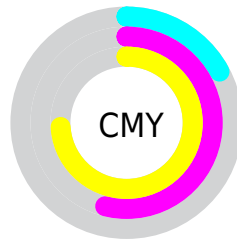
- Red (83%)
- Green (45%)
- Blue (25%)



- Red (83%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (69%)
- Black (17%)



- Cyan (17%)
- Magenta (54%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 55.303, 52.705 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, 55.303, 52.705 by changing the saturation by 10% instead.

 59, 55.303, 52.705

 59, 55.303, 52.705

 100, 55.303,
52.705

 49, 55.303, 52.705

 79, 55.303, 52.705

 39, 55.303, 52.705

 89, 55.303, 52.705

 29, 55.303, 52.705

 99, 55.303, 52.705

 19, 55.303, 52.705

 9, 55.303, 52.705

 0, 55.303, 52.705

 59, 55.303, 52.705

 59, 55.303, 52.705

 56, 64.700, 52.146

 62, 45.898, 53.196

 53, 73.293, 51.222

 66, 36.859, 53.726

51, 80.058, 49.634

70, 28.330, 54.334

51, 80.567, 49.540

73, 20.353, 55.019

77, 12.917, 55.763

81, 5.987, 56.527

85, 0.484, 238.486

89, 6.545, 238.387

94, 11.785,
236.025

Harmonies

Complementary

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



59, 55.303, 52.705



63, 36.169, 250.877

Rectangle

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



59, 55.303, 52.705



59, 55.303, 102.705



59, 55.303, 232.705



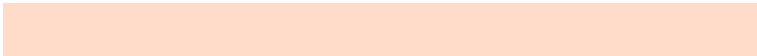
59, 55.303, 282.705

Sweetspot

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



59, 55.301, 52.708



90, 16.470, 55.612



52, 69.584, 342.041



47, 11.260, 55.402



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, 55.301, 52.708



65, 79.019, 51.790



76, 62.525, 94.312



43, 3.706, 56.513



41, 68.123, 50.092



8, 17.851, 42.073

Inverse Universe

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



63, 36.169, 250.877



70, 47.451, 256.900



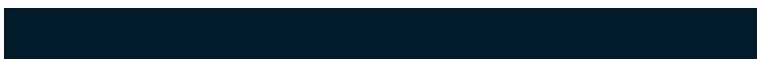
43, 72.968, 295.494



43, 3.544, 238.354



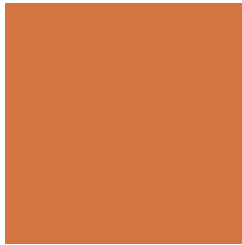
45, 39.203, 264.017



9, 13.845, 252.686

Previews

White Background



This preview shows how the CIELCh color 59, 55.303, 52.705 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, 55.303, 52.705 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, 55.303, 52.705

Background



This preview shows how black text looks on a background with the CIELCh color 59, 55.303, 52.705.



This preview shows how white text looks on a background with the CIELCh color 59, 55.303, 52.705.

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, 55.303, 52.705

Protanopia

59, 38.462, 96.248

Deuteranopia

59, 45.635, 79.854



Tritanopia
59, 44.366, 19.342

Trichromacy



Original Color
59, 55.303, 52.705

Protanomaly
59, 40.681, 75.978

Deuteranomaly
59, 47.516, 68.093

Tritanomaly
59, 46.314, 33.297

Monochromacy



Original Color
59, 55.303, 52.705

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 18.704, 55.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 55.303, 52.705 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(212, 116, 65)` looks like.

```
.text, #text, p{  
    color:rgb(212, 116, 65)  
}
```

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(212, 116, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 116, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 55.303, 52.705 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(212, 116, 65) }
```

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

```
.border{ border-color:rgb(212, 116, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 116, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 116, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 116, 65);  
box-shadow:4px 4px 4px 4px rgb(212, 116,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 55.303, 52.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 116, 65) }
```

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

```
.background{ background-color: rgb(212,  
116, 65) }
```

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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