

Converting Colors

CIELCh(55, 62.517, 49.020)

Have a look what the booklet for
CIELCh(55, 62.517, 49.020) contains.

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Color

CIELCh(55, 62.746, 49.055)

Conversions

Conversions Part 1

Format	Color
Hex	D36332
RGB	211, 99, 50
RGB Percent	83%, 39%, 20%
CMY	0.1735, 0.6125, 0.8046
CMYK	0.00, 0.53, 0.76, 0.17
HSL	18°, 65%, 51%
HSV	18°, 76%, 83%
XYZ	31.8123, 22.9298, 5.7463
YIQ	126.9020, 82.4810, 8.5050

Conversions

Conversions Part 2

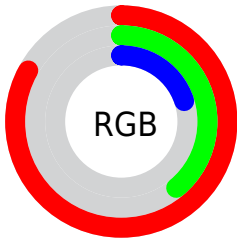
Format	Color
RYB	211, 120, 50
Decimal	13853490
CIELab	55.00, 41.12, 47.39
CIElCh	55, 62.746, 49.055
Yxy	22.9298, 0.5259, 0.3791
Android (android.graphics.Color)	4292043570 (0xFFD36332)
YUV	126.9020, -37.9127, 73.7539
Hunter-Lab	47.8851, 34.7869, 26.4047

Details

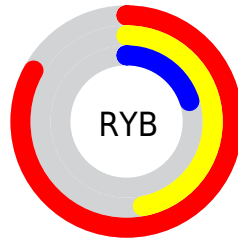
The CIELCh color **55, 62.746, 49.055** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **63, 36.848, 246.607**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 55.550, 52.413**, and **35, 62.580, 48.998** is the 20% darker color. If you saturate the color by 10%, you get **52, 71.979, 48.721**, and if you desaturate by 10%, it is **58, 53.051, 49.187**.

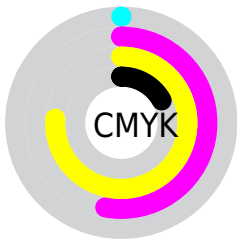
Distribution



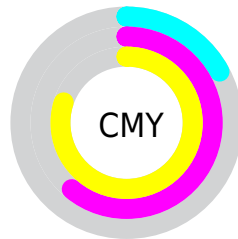
- Red (83%)
- Green (39%)
- Blue (20%)



- Red (83%)
- Yellow (47%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (76%)
- Black (17%)



- Cyan (17%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 62.746, 49.055 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 55, 62.746, 49.055 by changing the saturation by 10% instead.

■ 55, 62.746, 49.055

■ 55, 62.746, 49.055

■ 100, 62.746,
49.055

■ 45, 62.746, 49.055

■ 75, 62.746, 49.055

■ 35, 62.746, 49.055

■ 85, 62.746, 49.055

■ 25, 62.746, 49.055

■ 95, 62.746, 49.055

■ 15, 62.746, 49.055

■ 5, 62.746, 49.055

■ 0, 62.746, 49.055

■ 55, 62.746, 49.055

■ 55, 62.746, 49.055

■ 52, 71.979, 48.721

■ 58, 53.051, 49.187

■ 50, 79.509, 47.696

■ 62, 43.545, 49.339

49, 81.967, 47.345

65, 34.505, 49.593

69, 26.035, 49.964

73, 18.156, 50.439

78, 10.846, 50.991

82, 4.061, 51.547

86, 2.247, 232.591

90, 8.132, 233.135

Harmonies

Complementary

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



55, 62.746, 49.055



63, 36.848, 246.607

Rectangle

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



55, 62.746, 49.055



55, 62.746, 99.055



55, 62.746, 229.055



55, 62.746, 279.055

Sweetspot

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



55, 62.744, 49.058



89, 18.268, 50.604



50, 74.712, 341.124



46, 12.824, 50.411



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 62.744, 49.058



61, 89.201, 48.148



74, 65.480, 91.098



42, 3.640, 51.390



39, 68.922, 47.875



7, 16.819, 37.657

Inverse Universe

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



63, 36.848, 246.607



71, 47.584, 253.954



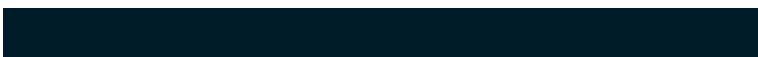
40, 77.367, 296.016



42, 3.463, 232.915



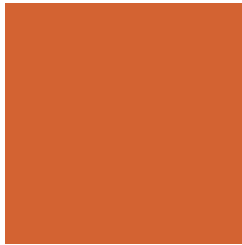
46, 36.004, 256.546



9, 12.727, 244.968

Previews

White Background



This preview shows how the CIELCh color 55, 62.746, 49.055 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 55, 62.746, 49.055 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 55, 62.746, 49.055

Background



This preview shows how black text looks on a background with the CIELCh color 55, 62.746, 49.055.



This preview shows how white text looks on a background with the CIELCh color 55, 62.746, 49.055.

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

55, 62.746, 49.055

Protanopia

55, 40.391, 95.312

Deuteranopia

55, 49.802, 81.837



Tritanopia
55, 51.767, 22.424

Trichromacy



Original Color
55, 62.746, 49.055

Protanomaly
54, 43.944, 72.767

Deuteranomaly
55, 52.009, 67.450

Tritanomaly
55, 54.232, 33.589

Monochromacy



Original Color
55, 62.746, 49.055

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 20.762, 50.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 62.746, 49.055 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(211, 99, 50)` looks like.

```
.text, #text, p{  
    color:rgb(211, 99, 50)  
}
```

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(211, 99, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 99, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 62.746, 49.055 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(211, 99, 50) }
```

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

```
.border{ border-color:rgb(211, 99, 50) }
```

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

Here you see how a box with a 4 pixel rgb(211, 99, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 99, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 99, 50);  
box-shadow:4px 4px 4px 4px rgb(211, 99,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 62.746, 49.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 99, 50) }
```

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

```
.background{ background-color: rgb(211, 99,  
50) }
```

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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