

Converting Colors

CIELCh(57, 65.619, 55.821)

Have a look what the booklet for
CIELCh(57, 65.619, 55.821) contains.

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Color

CIELCh(57, 65.773, 55.803)

Conversions

Conversions Part 1

Format	Color
Hex	D56C27
RGB	213, 108, 39
RGB Percent	84%, 42%, 15%
CMY	0.1658, 0.5774, 0.8480
CMYK	0.00, 0.49, 0.82, 0.17
HSL	24°, 69%, 49%
HSV	24°, 82%, 83%
XYZ	33.0565, 24.9227, 4.9667
YIQ	131.5290, 84.7290, 0.8010

Conversions

Conversions Part 2

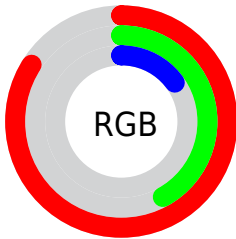
Format	Color
R_{YB}	213, 153, 39
Decimal	13986855
CIE Lab	57.00, 36.97, 54.40
CIE LCh	57, 65.773, 55.803
Yxy	24.9227, 0.5252, 0.3959
Android (android.graphics.Color)	4292176935 (0xFFD56C27)
YUV	131.5290, -45.6168, 71.4501
Hunter-Lab	49.9226, 30.8302, 29.0472

Details

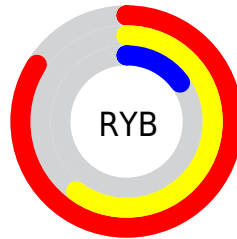
The CIELCh color **57, 65.773, 55.803** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **57, 43.768, 263.528**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 58.258, 60.539**, and **37, 61.136, 52.539** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.455, 54.262**, and if you desaturate by 10%, it is **60, 56.903, 56.848**.

Distribution



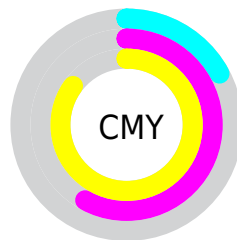
- Red (84%)
- Green (42%)
- Blue (15%)



- Red (84%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 65.773, 55.803 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 57, 65.773, 55.803 by changing the saturation by 10% instead.

57, 65.773, 55.803

57, 65.773, 55.803

100, 65.773,
55.803

47, 65.773, 55.803

77, 65.773, 55.803

37, 65.773, 55.803

87, 65.773, 55.803

27, 65.773, 55.803

97, 65.773, 55.803

17, 65.773, 55.803

7, 65.773, 55.803

0, 65.773, 55.803

57, 65.773, 55.803

57, 65.773, 55.803

54, 73.455, 54.262

60, 56.903, 56.848

52, 78.437, 52.554

63, 47.778, 57.715

66, 38.865, 58.557

70, 30.366, 59.429

73, 22.350, 60.344

77, 14.825, 61.294

81, 7.765, 62.255

84, 1.132, 62.908

88, 5.118, 244.419

Harmonies

Complementary

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



57, 65.773, 55.803



57, 43.768, 263.528

Rectangle

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



57, 65.773, 55.803



57, 65.773, 105.803



57, 65.773, 235.803



57, 65.773, 285.803

Sweetspot

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



57, 65.771, 55.806



89, 19.940, 60.960



49, 73.910, 347.220



46, 13.763, 60.623



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 65.771, 55.806



63, 88.992, 52.595



77, 72.692, 96.299



43, 3.735, 62.475



42, 66.292, 53.148



8, 17.417, 47.293

Inverse Universe

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



57, 43.768, 263.528



62, 58.462, 271.979



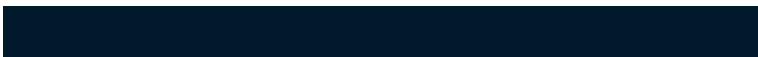
35, 93.012, 300.935



43, 3.597, 244.614



42, 43.159, 271.572



8, 14.764, 260.237

Previews

White Background



This preview shows how the CIELCh color 57, 65.773, 55.803 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 57, 65.773, 55.803 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 57, 65.773, 55.803

Background



This preview shows how black text looks on a background with the CIELCh color 57, 65.773, 55.803.



This preview shows how white text looks on a background with the CIELCh color 57, 65.773, 55.803.

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

57, 65.773, 55.803

Protanopia

57, 49.068, 95.595

Deuteranopia

57, 56.238, 82.305



Tritanopia
57, 49.167, 21.481

Trichromacy



Original Color
57, 65.773, 55.803

Protanomaly
57, 51.185, 77.978

Deuteranomaly
57, 58.004, 71.562

Tritanomaly
57, 53.164, 37.058

Monochromacy



Original Color
57, 65.773, 55.803

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 22.832, 60.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 65.773, 55.803 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(213, 108, 39)` looks like.

```
.text, #text, p{  
    color:rgb(213, 108, 39)  
}
```

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(213, 108, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 108, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 65.773, 55.803 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(213, 108, 39) }
```

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

```
.border{ border-color:rgb(213, 108, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 108, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 108, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 108, 39);  
box-shadow:4px 4px 4px 4px rgb(213, 108,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 65.773, 55.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 108, 39) }
```

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

```
.background{ background-color: rgb(213,  
108, 39) }
```

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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