

Converting Colors

CIELCh(60, 57.256, 64.170)

Have a look what the booklet for
CIELCh(60, 57.256, 64.170) contains.

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Color

CIELCh(60, 57.224, 64.535)

Conversions

Conversions Part 1

Format	Color
Hex	CD7E33
RGB	205, 126, 51
RGB Percent	80%, 49%, 20%
CMY	0.1963, 0.5060, 0.8001
CMYK	0.00, 0.39, 0.75, 0.20
HSL	29°, 61%, 50%
HSV	29°, 75%, 80%
XYZ	33.2170, 28.1233, 6.8051
YIQ	141.0710, 71.1590, -6.5770

Conversions

Conversions Part 2

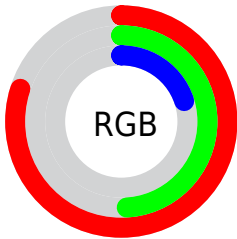
Format	Color
RYB	205, 197, 51
Decimal	13467187
CIELab	60.00, 24.60, 51.66
CIElCh	60, 57.224, 64.535
Yxy	28.1233, 0.4874, 0.4127
Android (android.graphics.Color)	4291657267 (0xFFCD7E33)
YUV	141.0710, -44.4050, 56.0657
Hunter-Lab	53.0314, 19.0010, 29.5137

Details

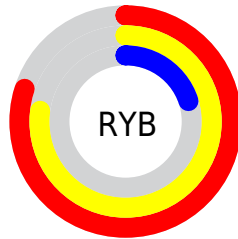
The CIELCh color **60, 57.224, 64.535** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **53, 45.660, 272.078**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 53.643, 68.078**, and **40, 55.284, 63.393** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.686, 62.828**, and if you desaturate by 10%, it is **63, 49.034, 65.948**.

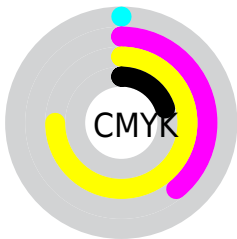
Distribution



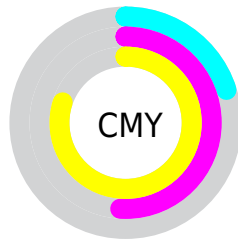
- Red (80%)
- Green (49%)
- Blue (20%)



- Red (80%)
- Yellow (77%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 57.224, 64.535 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 60, 57.224, 64.535 by changing the saturation by 10% instead.

60, 57.224, 64.535

60, 57.224, 64.535

100, 57.224,
64.535

50, 57.224, 64.535

80, 57.224, 64.535

40, 57.224, 64.535

90, 57.224, 64.535

30, 57.224, 64.535

20, 57.224, 64.535

10, 57.224, 64.535

0, 57.224, 64.535

60, 57.224, 64.535

60, 57.224, 64.535

57, 64.686, 62.828

63, 49.034, 65.948

55, 70.451, 60.490

65, 40.719, 67.236

54, 72.812, 59.252

68, 32.580, 68.482

71, 24.747, 69.715

74, 17.268, 70.940

78, 10.143, 72.148

81, 3.356, 73.280

84, 3.124, 254.704

87, 9.325, 255.777

Harmonies

Complementary

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



60, 57.224, 64.535



53, 45.660, 272.078

Rectangle

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



60, 57.224, 64.535



60, 57.224, 114.535



60, 57.224, 244.535



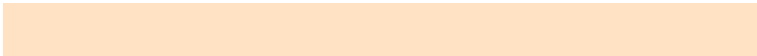
60, 57.224, 294.535

Sweetspot

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



60, 57.223, 64.538



91, 18.781, 71.164



48, 65.732, 352.696



47, 13.118, 70.718



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 57.223, 64.538



69, 80.674, 61.524



79, 72.035, 102.767



41, 3.734, 72.820



44, 61.974, 59.873



8, 14.357, 56.195

Inverse Universe

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



53, 45.660, 272.078



59, 64.651, 279.089



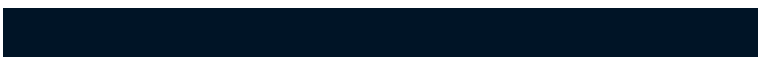
33, 91.815, 302.440



41, 3.647, 255.271



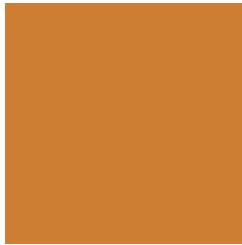
36, 50.569, 282.365



6, 14.904, 269.996

Previews

White Background



This preview shows how the CIELCh color 60, 57.224, 64.535 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 60, 57.224, 64.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

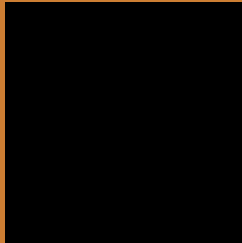
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 57.224, 64.535

Background



This preview shows how black text looks on a background with the CIELCh color 60, 57.224, 64.535.



This preview shows how white text looks on a background with the CIELCh color 60, 57.224, 64.535.

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

60, 57.224, 64.535

Protanopia

60, 48.214, 95.314

Deuteranopia

60, 53.228, 81.556



Tritanopia
60, 38.070, 16.539

Trichromacy



Original Color
60, 57.224, 64.535

Protanomaly
60, 49.514, 82.578

Deuteranomaly
60, 54.167, 75.443

Tritanomaly
60, 41.441, 40.141

Monochromacy



Original Color
60, 57.224, 64.535

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 20.093, 71.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 57.224, 64.535 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(205, 126, 51)` looks like.

```
.text, #text, p{  
    color:rgb(205, 126, 51)  
}
```

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(205, 126, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 126, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 57.224, 64.535 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(205, 126, 51) }
```

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

```
.border{ border-color:rgb(205, 126, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 126, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 126, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 126, 51);  
box-shadow:4px 4px 4px 4px rgb(205, 126,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 57.224, 64.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 126, 51) }
```

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

```
.background{ background-color: rgb(205,  
126, 51) }
```

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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