

Converting Colors

CIELCh(60, 66.684, 78.444)

Have a look what the booklet for
CIELCh(60, 66.684, 78.444) contains.

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Color

CIELCh(60, 66.732, 78.473)

Conversions

Conversions Part 1

Format	Color
Hex	C08600
RGB	192, 134, 0
RGB Percent	75%, 53%, 0%
CMY	0.2485, 0.4757, 0.9985
CMYK	0.00, 0.30, 1.00, 0.25
HSL	42°, 100%, 38%
HSV	42°, 100%, 75%
XYZ	30.1294, 28.1233, 3.8507
YIQ	136.0660, 77.5820, -29.3780

Conversions

Conversions Part 2

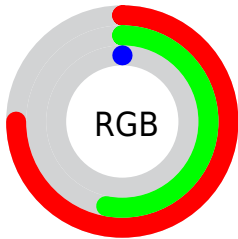
Format	Color
RYB	83, 192, 0
Decimal	12617216
CIELab	60.00, 13.34, 65.39
CIELCh	60, 66.732, 78.473
Yxy	28.1233, 0.4851, 0.4528
Android (android.graphics.Color)	4290807296 (0xFFC08600)
YUV	136.0660, -67.0805, 49.0541
Hunter-Lab	53.0314, 8.6084, 32.8168

Details

The CIELCh color **60, 66.732, 78.473** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **31, 82.723, 298.238**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 66.938, 78.623**, and **40, 50.875, 73.952** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.782, 78.434**, and if you desaturate by 10%, it is **61, 64.021, 80.646**.

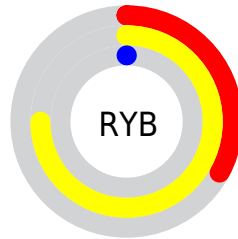
Distribution



Red (75%)

Green (53%)

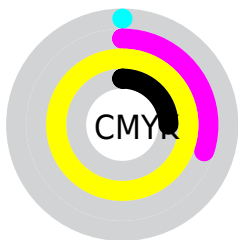
Blue (0%)



Red (33%)

Yellow (75%)

Blue (0%)

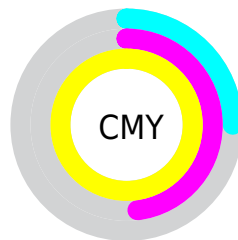


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 66.732, 78.473 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, 66.732, 78.473 by changing the saturation by 10% instead.

60, 66.732, 78.473

60, 66.732, 78.473

100, 66.732,
78.473

50, 66.732, 78.473

80, 66.732, 78.473

40, 66.732, 78.473

90, 66.732, 78.473

30, 66.732, 78.473

20, 66.732, 78.473

10, 66.732, 78.473

0, 66.732, 78.473

60, 66.732, 78.473

60, 66.732, 78.473

60, 66.782, 78.434

61, 64.021, 80.646

63, 59.421, 82.507

■ 65, 53.185, 84.127

■ 66, 46.002, 85.616

■ 68, 38.360, 87.032

■ 70, 30.548, 88.401

■ 72, 22.726, 89.732

■ 74, 14.980, 91.022

■ 76, 7.348, 92.262

Harmonies

Complementary

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



60, 66.732, 78.473



31, 82.723, 298.238

Rectangle

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



60, 66.732, 78.473



60, 66.732, 128.473



60, 66.732, 258.473



60, 66.732, 308.473

Sweetspot

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



60, 66.731, 78.476



91, 28.391, 89.643



40, 70.177, 19.652



47, 19.424, 89.081



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 66.731, 78.476



76, 81.475, 77.973



73, 79.880, 113.797



40, 4.285, 92.314



51, 58.641, 78.804



9, 12.887, 82.353

Inverse Universe

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



31, 82.723, 298.238



41, 102.879, 298.845



24, 106.454, 307.099



38, 4.297, 274.703



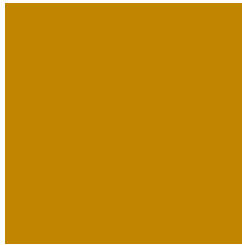
26, 71.762, 297.837



3, 15.459, 281.192

Previews

White Background



This preview shows how the CIELCh color 60, 66.732, 78.473 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, 66.732, 78.473 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, 66.732, 78.473

Background



This preview shows how black text looks on a background with the CIELCh color 60, 66.732, 78.473.



This preview shows how white text looks on a background with the CIELCh color 60, 66.732, 78.473.

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, 66.886, 78.511

Protanopia

60, 62.485, 94.846

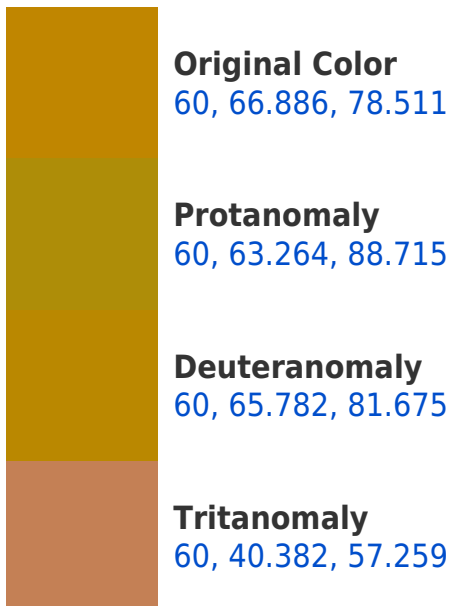
Deuteranopia

60, 65.433, 83.803



Tritanopia
60, 30.784, 12.652

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 66.732, 78.473 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(192, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 134, 0)  
}
```

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(192, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 134, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 66.732, 78.473 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(192, 134, 0) }
```

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

```
.border{ border-color:rgb(192, 134, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 134,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 66.732, 78.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 134, 0) }
```

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

```
.background{ background-color: rgb(192,  
134, 0) }
```

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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