

Converting Colors

CIELCh(60, 49.236, 65.944)

Have a look what the booklet for
CIELCh(60, 49.236, 65.944) contains.

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Color

CIELCh(60, 48.988, 66.224)

Conversions

Conversions Part 1

Format	Color
Hex	C58241
RGB	197, 130, 65
RGB Percent	77%, 51%, 25%
CMY	0.2284, 0.4910, 0.7459
CMYK	0.00, 0.34, 0.67, 0.23
HSL	30°, 53%, 51%
HSV	30°, 67%, 77%
XYZ	31.8624, 28.1233, 8.7188
YIQ	142.6230, 60.7970, -6.0110

Conversions

Conversions Part 2

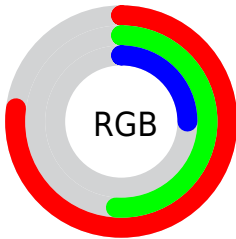
Format	Color
R_{YB}	197, 193, 65
Decimal	12943937
CIE Lab	60.00, 19.75, 44.83
CIE LCh	60, 48.988, 66.224
Yxy	28.1233, 0.4638, 0.4093
Android (android.graphics.Color)	4291134017 (0xFFC58241)
YUV	142.6230, -38.2681, 47.6886
Hunter-Lab	53.0314, 14.4416, 27.3743

Details

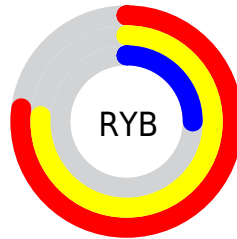
The CIELCh color **60, 48.988, 66.224** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **54, 40.062, 269.507**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 48.451, 67.044**, and **40, 48.938, 65.769** is the 20% darker color. If you saturate the color by 10%, you get **57, 56.799, 64.763**, and if you desaturate by 10%, it is **63, 40.962, 67.546**.

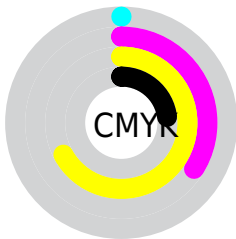
Distribution



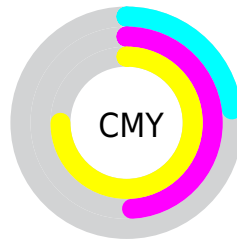
- Red (77%)
- Green (51%)
- Blue (25%)



- Red (77%)
- Yellow (76%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (67%)
- Black (23%)



- Cyan (23%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 48.988, 66.224 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, 48.988, 66.224 by changing the saturation by 10% instead.

60, 48.988, 66.224

60, 48.988, 66.224

100, 48.988,
66.224

50, 48.988, 66.224

80, 48.988, 66.224

40, 48.988, 66.224

90, 48.988, 66.224

30, 48.988, 66.224

20, 48.988, 66.224

10, 48.988, 66.224

0, 48.988, 66.224

60, 48.988, 66.224

60, 48.988, 66.224

57, 56.799, 64.763

63, 40.962, 67.546

55, 63.756, 62.955

65, 33.057, 68.809

53, 68.975, 60.505

68, 25.423, 70.055

52, 70.410, 59.805

71, 18.118, 71.291

74, 11.151, 72.511

77, 4.507, 73.679

80, 1.839, 255.156

83, 7.915, 256.167

87, 13.751,
257.275

Harmonies

Complementary

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



60, 48.988, 66.224



54, 40.062, 269.507

Rectangle

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



60, 48.988, 66.224



60, 48.988, 116.224



60, 48.988, 246.224



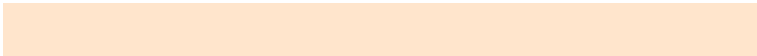
60, 48.988, 296.224

Sweetspot

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



60, 48.987, 66.228



92, 16.256, 72.118



49, 59.099, 350.872



48, 11.168, 71.770



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, 48.987, 66.228



72, 72.755, 64.068



77, 64.261, 103.315



40, 3.669, 73.419



44, 61.114, 60.365



7, 12.950, 56.566

Inverse Universe

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



54, 40.062, 269.507



63, 58.328, 275.151



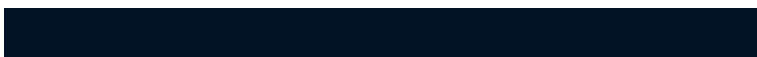
36, 78.862, 300.597



40, 3.587, 255.874



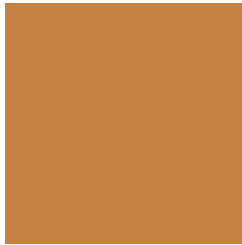
36, 50.485, 282.864



5, 13.899, 269.656

Previews

White Background



This preview shows how the CIELCh color 60, 48.988, 66.224 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, 48.988, 66.224 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, 48.988, 66.224

Background



This preview shows how black text looks on a background with the CIELCh color 60, 48.988, 66.224.



This preview shows how white text looks on a background with the CIELCh color 60, 48.988, 66.224.

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, 48.988, 66.224

Protanopia

60, 41.557, 95.352

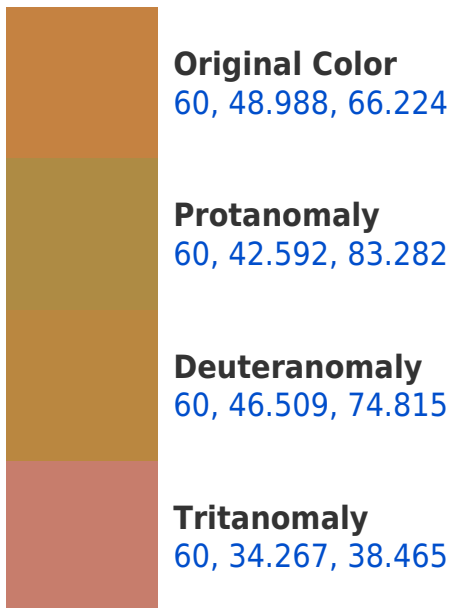
Deuteranopia

60, 45.958, 80.194



Tritanopia
60, 32.916, 13.641

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 48.988, 66.224 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(197, 130, 65)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 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(197, 130, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 48.988, 66.224 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(197, 130, 65) }
```

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

```
.border{ border-color:rgb(197, 130, 65) }
```

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

Here you see how a box with a 4 pixel rgb(197, 130, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 130, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 130, 65);  
box-shadow:4px 4px 4px 4px rgb(197, 130,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 48.988, 66.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 65) }
```

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

```
.background{ background-color: rgb(197,  
130, 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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