

Converting Colors

CIELCh(62, 37.746, 60.465)

Have a look what the booklet for
CIELCh(62, 37.746, 60.465) contains.

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Color

CIELCh(62, 38.053, 60.266)

Conversions

Conversions Part 1

Format	Color
Hex	C6885C
RGB	198, 136, 92
RGB Percent	78%, 53%, 36%
CMY	0.2234, 0.4665, 0.6391
CMYK	0.00, 0.31, 0.54, 0.22
HSL	25°, 48%, 57%
HSV	25°, 54%, 78%
XYZ	34.0414, 30.4025, 14.2068
YIQ	149.5220, 51.0760, -0.5400

Conversions

Conversions Part 2

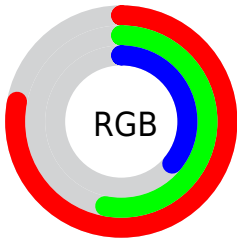
Format	Color
RYB	198, 167, 92
Decimal	13011036
CIELab	62.00, 18.87, 33.04
CIElCh	62, 38.053, 60.266
Yxy	30.4025, 0.4328, 0.3866
Android (android.graphics.Color)	4291201116 (0xFFC6885C)
YUV	149.5220, -28.3583, 42.5152
Hunter-Lab	55.1385, 13.7100, 23.3205

Details

The CIELCh color **62, 38.053, 60.266** 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 **61, 29.747, 255.475**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 37.326, 61.595**, and **42, 37.913, 60.171** is the 20% darker color. If you saturate the color by 10%, you get **59, 46.422, 59.326**, and if you desaturate by 10%, it is **65, 30.022, 61.226**.

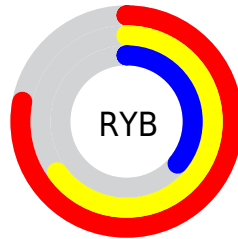
Distribution



Red (78%)

Green (53%)

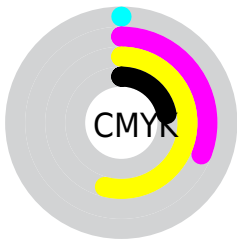
Blue (36%)



Red (78%)

Yellow (65%)

Blue (36%)

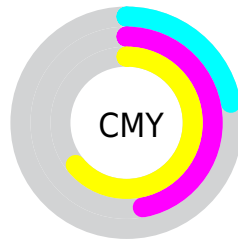


Cyan (0%)

Magenta (31%)

Yellow (54%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 38.053, 60.266 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 62, 38.053, 60.266 by changing the saturation by 10% instead.

62, 38.053, 60.266

62, 38.053, 60.266

100, 38.053,
60.266

52, 38.053, 60.266

82, 38.053, 60.266

42, 38.053, 60.266

92, 38.053, 60.266

32, 38.053, 60.266

22, 38.053, 60.266

12, 38.053, 60.266

2, 38.053, 60.266

0, 38.053, 60.266

62, 38.053, 60.266

62, 38.053, 60.266

59, 46.422, 59.326

65, 30.022, 61.226

56, 54.909, 58.327

68, 22.415, 62.211

53, 63.020, 57.107

72, 15.247, 63.223

51, 69.830, 55.325

75, 8.503, 64.243

50, 73.500, 53.968

79, 2.149, 65.146

82, 3.852, 246.508

86, 9.540, 247.479

89, 14.950,
248.482

92, 15.577,
228.023

Harmonies

Complementary

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



62, 38.053, 60.266



61, 29.747, 255.475

Rectangle

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



62, 38.053, 60.266



62, 38.053, 110.266



62, 38.053, 240.266



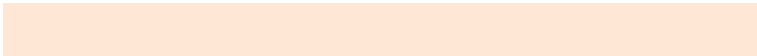
62, 38.053, 290.266

Sweetspot

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



62, 38.052, 60.271



93, 12.450, 63.968



54, 51.758, 343.637



49, 8.459, 63.754



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 38.052, 60.271



74, 57.626, 59.189



75, 49.757, 100.129



40, 3.532, 64.655



41, 63.395, 54.533



6, 13.070, 48.026

Inverse Universe

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



61, 29.747, 255.475



73, 42.527, 259.154



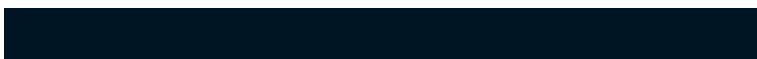
47, 56.234, 294.348



40, 3.413, 246.865



39, 43.171, 273.879



6, 12.700, 261.640

Previews

White Background



This preview shows how the CIELCh color 62, 38.053, 60.266 looks on a white background.

Color Contrast Check

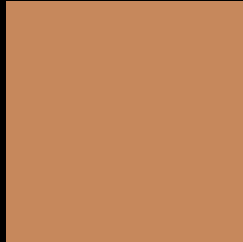
Large Text (above 18pt) WCAG AA × Fail

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 62, 38.053, 60.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

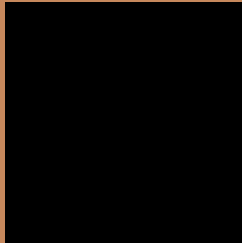
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 38.053, 60.266

Background



This preview shows how black text looks on a background with the CIELCh color 62, 38.053, 60.266.



This preview shows how white text looks on a background with the CIELCh color 62, 38.053, 60.266.

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

62, 38.053, 60.266

Protanopia

62, 29.843, 95.903

Deuteranopia

62, 34.159, 76.135



Tritanopia
62, 29.729, 12.089

Trichromacy



Original Color
62, 38.053, 60.266

Protanomaly
62, 31.235, 80.903

Deuteranomaly
62, 35.384, 69.510

Tritanomaly
62, 29.969, 31.833

Monochromacy



Original Color
62, 38.053, 60.266

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.813, 63.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 38.053, 60.266 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(198, 136, 92)` looks like.

```
.text, #text, p{  
    color:rgb(198, 136, 92)  
}
```

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(198, 136, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 136, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 38.053, 60.266 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(198, 136, 92) }
```

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

```
.border{ border-color:rgb(198, 136, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 136, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 136, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 136, 92);  
box-shadow:4px 4px 4px 4px rgb(198, 136,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 38.053, 60.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 136, 92) }
```

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

```
.background{ background-color: rgb(198,  
136, 92) }
```

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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