

Converting Colors

CIELCh(62, 51.682, 75.387)

Have a look what the booklet for
CIELCh(62, 51.682, 75.387) contains.

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Color

CIELCh(62, 51.679, 75.302)

Conversions

Conversions Part 1

Format	Color
Hex	C28B3A
RGB	194, 139, 58
RGB Percent	76%, 55%, 23%
CMY	0.2376, 0.4535, 0.7712
CMYK	0.00, 0.28, 0.70, 0.24
HSL	36°, 54%, 50%
HSV	36°, 70%, 76%
XYZ	32.4112, 30.4025, 8.2103
YIQ	146.2110, 58.7810, -13.5310

Conversions

Conversions Part 2

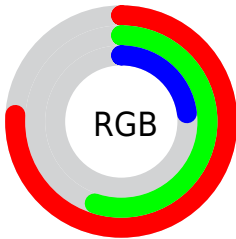
Format	Color
RYB	150, 194, 58
Decimal	12749626
CIELab	62.00, 13.11, 49.99
CIELCh	62, 51.679, 75.302
Yxy	30.4025, 0.4563, 0.4281
Android (android.graphics.Color)	4290939706 (0xFFC28B3A)
YUV	146.2110, -43.4880, 41.9110
Hunter-Lab	55.1385, 8.4326, 29.7684

Details

The CIELCh color **62, 51.679, 75.302** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **48, 48.551, 280.648**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 51.672, 75.046**, and **42, 51.720, 75.291** is the 20% darker color. If you saturate the color by 10%, you get **60, 58.498, 73.555**, and if you desaturate by 10%, it is **64, 44.189, 76.863**.

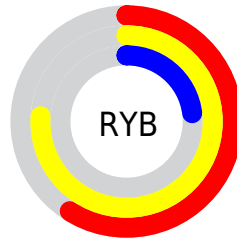
Distribution



Red (76%)

Green (55%)

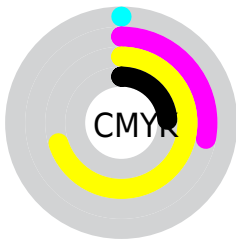
Blue (23%)



Red (59%)

Yellow (76%)

Blue (23%)

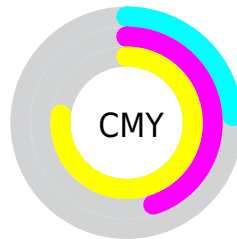


Cyan (0%)

Magenta (28%)

Yellow (70%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 51.679, 75.302 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, 51.679, 75.302 by changing the saturation by 10% instead.

62, 51.679, 75.302

62, 51.679, 75.302

100, 51.679,
75.302

52, 51.679, 75.302

82, 51.679, 75.302

42, 51.679, 75.302

92, 51.679, 75.302

32, 51.679, 75.302

22, 51.679, 75.302

12, 51.679, 75.302

2, 51.679, 75.302

0, 51.679, 75.302

62, 51.679, 75.302

62, 51.679, 75.302

60, 58.498, 73.555

64, 44.189, 76.863

58, 63.914, 71.430

66, 36.487, 78.324

56, 67.575, 68.844

69, 28.814, 79.730

56, 67.582, 68.840

71, 21.292, 81.097

74, 13.972, 82.425

76, 6.869, 83.702

79, 0.020, 279.316

81, 6.707, 266.257

84, 13.210,
267.401

Harmonies

Complementary

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



62, 51.679, 75.302



48, 48.551, 280.648

Rectangle

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



62, 51.679, 75.302



62, 51.679, 125.302



62, 51.679, 255.302



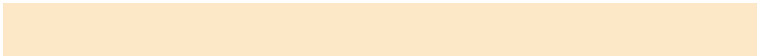
62, 51.679, 305.302

Sweetspot

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



62, 51.678, 75.305



93, 18.191, 82.249



47, 58.178, 358.706



49, 12.468, 81.877



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, 51.678, 75.305



75, 75.000, 72.484



76, 66.781, 108.177



40, 3.887, 83.778



47, 58.619, 69.362



7, 11.868, 69.680

Inverse Universe

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



48, 48.551, 280.648



55, 72.765, 286.448



35, 82.732, 303.037



39, 3.855, 266.286



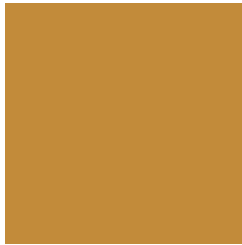
30, 60.666, 291.644



4, 14.136, 276.154

Previews

White Background



This preview shows how the CIELCh color 62, 51.679, 75.302 looks on a white background.

Color Contrast Check

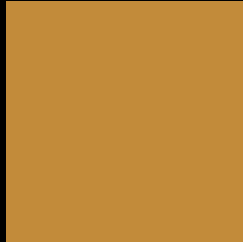
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 51.679, 75.302 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, 51.679, 75.302

Background



This preview shows how black text looks on a background with the CIELCh color 62, 51.679, 75.302.



This preview shows how white text looks on a background with the CIELCh color 62, 51.679, 75.302.

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, 51.679, 75.302

Protanopia

62, 47.670, 95.489

Deuteranopia

62, 51.040, 81.220



Tritanopia
62, 28.476, 11.441

Trichromacy



Original Color
62, 51.679, 75.302

Protanomaly
62, 48.109, 87.655

Deuteranomaly
62, 51.531, 79.196

Tritanomaly
62, 31.236, 45.677

Monochromacy



Original Color
62, 51.679, 75.302

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 18.411, 80.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 51.679, 75.302 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(194, 139, 58)` looks like.

```
.text, #text, p{  
    color:rgb(194, 139, 58)  
}
```

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(194, 139, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 139, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 51.679, 75.302 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(194, 139, 58) }
```

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

```
.border{ border-color:rgb(194, 139, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 139, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 139, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 139, 58);  
box-shadow:4px 4px 4px 4px rgb(194, 139,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 51.679, 75.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 139, 58) }
```

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

```
.background{ background-color: rgb(194,  
139, 58) }
```

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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