

Converting Colors

CIELCh(62, 50.849, 80.512)

Have a look what the booklet for
CIELCh(62, 50.849, 80.512) contains.

CIELCh(62, 51.081, 80.102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 51.081, 80.102)

Conversions

Conversions Part 1

Format	Color
Hex	BC8E39
RGB	188, 142, 57
RGB Percent	74%, 56%, 22%
CMY	0.2621, 0.4425, 0.7759
CMYK	0.00, 0.24, 0.70, 0.26
HSL	39°, 53%, 48%
HSV	39°, 70%, 74%
XYZ	31.2204, 30.4025, 8.1137
YIQ	146.0640, 54.7010, -16.6830

Conversions

Conversions Part 2

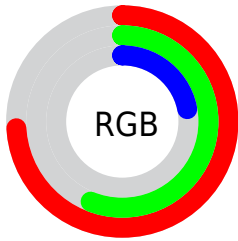
Format	Color
RYB	128, 188, 57
Decimal	12357177
CIELab	62.00, 8.78, 50.32
CIELCh	62, 51.081, 80.102
Yxy	30.4025, 0.4477, 0.4360
Android (android.graphics.Color)	4290547257 (0xFFBC8E39)
YUV	146.0640, -43.9086, 36.7779
Hunter-Lab	55.1385, 4.5775, 29.8723

Details

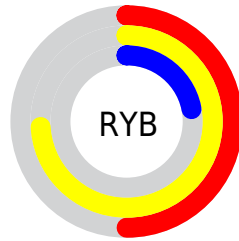
The CIELCh color **62, 51.081, 80.102** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **45, 51.101, 284.692**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 51.017, 80.018**, and **42, 50.627, 79.780** is the 20% darker color. If you saturate the color by 10%, you get **60, 57.473, 78.402**, and if you desaturate by 10%, it is **64, 43.909, 81.647**.

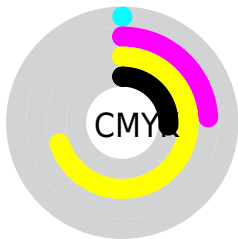
Distribution



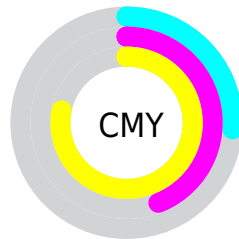
- Red (74%)
- Green (56%)
- Blue (22%)



- Red (50%)
- Yellow (74%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (26%)



- Cyan (26%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 51.081, 80.102 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, 51.081, 80.102 by changing the saturation by 10% instead.

■ 62, 51.081, 80.102

■ 62, 51.081, 80.102

■ 100, 51.081,
80.102

■ 52, 51.081, 80.102

■ 82, 51.081, 80.102

■ 42, 51.081, 80.102

■ 92, 51.081, 80.102

■ 32, 51.081, 80.102

■ 22, 51.081, 80.102

■ 12, 51.081, 80.102

■ 2, 51.081, 80.102

■ 0, 51.081, 80.102

■ 62, 51.081, 80.102

■ 62, 51.081, 80.102

■ 60, 57.473, 78.402

■ 64, 43.909, 81.647

58, 62.396, 76.395

66, 36.412, 83.102

57, 65.529, 74.002

68, 28.847, 84.503

57, 65.647, 73.915

70, 21.348, 85.861

72, 13.982, 87.178

74, 6.774, 88.442

76, 0.269, 270.619

79, 7.150, 270.940

81, 13.880,
272.064

Harmonies

Complementary

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



62, 51.081, 80.102



45, 51.101, 284.692

Rectangle

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



62, 51.081, 80.102



62, 51.081, 130.102



62, 51.081, 260.102



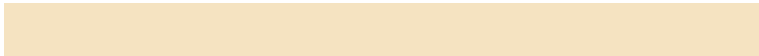
62, 51.081, 310.102

Sweetspot

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



62, 51.081, 80.105



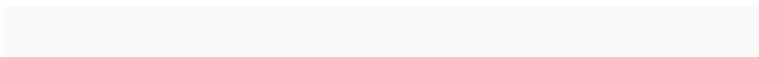
91, 18.562, 86.956



45, 55.849, 2.401



48, 12.599, 86.595



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 51.081, 80.105



76, 73.749, 77.298



73, 65.121, 110.674



39, 3.996, 88.475



48, 57.713, 74.347



7, 10.874, 77.149

Inverse Universe

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



45, 51.101, 284.692



50, 77.629, 290.300



34, 79.906, 303.839



37, 3.988, 270.926



27, 65.649, 295.113



3, 13.267, 277.956

Previews

White Background



This preview shows how the CIELCh color 62, 51.081, 80.102 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, 51.081, 80.102 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, 51.081, 80.102

Background



This preview shows how black text looks on a background with the CIELCh color 62, 51.081, 80.102.



This preview shows how white text looks on a background with the CIELCh color 62, 51.081, 80.102.

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, 51.081, 80.102

Protanopia

62, 49.023, 95.574

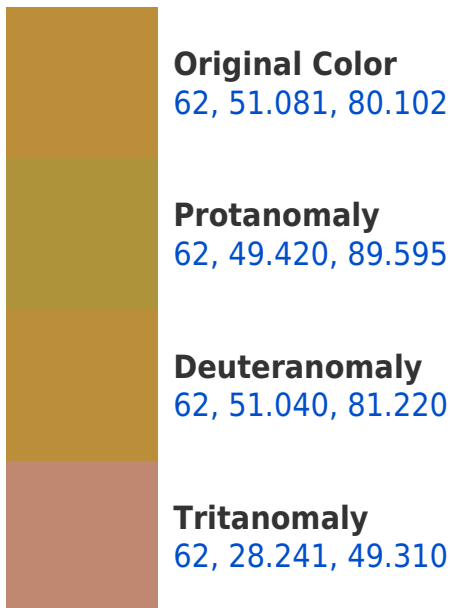
Deuteranopia

62, 51.040, 81.220



Tritanopia
62, 25.183, 9.513

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 51.081, 80.102 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(188, 142, 57)` looks like.

```
.text, #text, p{  
    color:rgb(188, 142, 57)  
}
```

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(188, 142, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 142, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 51.081, 80.102 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(188, 142, 57) }
```

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

```
.border{ border-color:rgb(188, 142, 57) }
```

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

Here you see how a box with a 4 pixel rgb(188, 142, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 142, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 142, 57);  
box-shadow:4px 4px 4px 4px rgb(188, 142,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 51.081, 80.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 142, 57) }
```

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

```
.background{ background-color: rgb(188,  
142, 57) }
```

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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