

Converting Colors

CIELCh(62, 51.365, 84.468)

Have a look what the booklet for
CIELCh(62, 51.365, 84.468) contains.

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Color

CIELCh(62, 51.502, 84.635)

Conversions

Conversions Part 1

Format	Color
Hex	B79137
RGB	183, 145, 55
RGB Percent	72%, 57%, 22%
CMY	0.2842, 0.4330, 0.7860
CMYK	0.00, 0.21, 0.70, 0.28
HSL	42°, 54%, 46%
HSV	42°, 70%, 72%
XYZ	30.1562, 30.4025, 7.8404
YIQ	146.1020, 51.5380, -19.9340

Conversions

Conversions Part 2

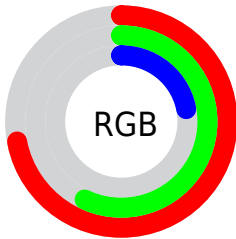
Format	Color
RYB	109, 183, 55
Decimal	12030263
CIELab	62.00, 4.82, 51.28
CIELCh	62, 51.502, 84.635
Yxy	30.4025, 0.4409, 0.4445
Android (android.graphics.Color)	4290220343 (0xFFB79137)
YUV	146.1020, -44.9133, 32.3595
Hunter-Lab	55.1385, 1.1324, 30.1662

Details

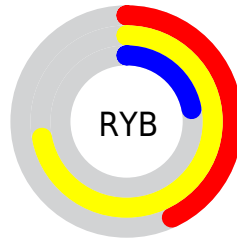
The CIELCh color **62, 51.502, 84.635** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **41, 54.523, 288.533**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 51.394, 84.818**, and **42, 49.917, 84.486** is the 20% darker color. If you saturate the color by 10%, you get **60, 57.468, 83.039**, and if you desaturate by 10%, it is **64, 44.610, 86.112**.

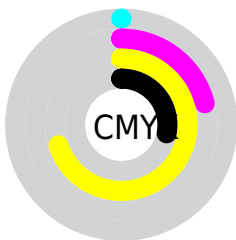
Distribution



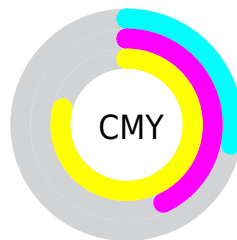
- Red (72%)
- Green (57%)
- Blue (22%)



- Red (43%)
- Yellow (72%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (28%)



- Cyan (28%)
- Magenta (43%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 51.502, 84.635 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, 51.502, 84.635 by changing the saturation by 10% instead.

 62, 51.502, 84.635

 62, 51.502, 84.635

 100, 51.502,
84.635

 52, 51.502, 84.635

 82, 51.502, 84.635

 42, 51.502, 84.635

 92, 51.502, 84.635

 32, 51.502, 84.635

 22, 51.502, 84.635

 12, 51.502, 84.635

 2, 51.502, 84.635

 0, 51.502, 84.635

 62, 51.502, 84.635

 62, 51.502, 84.635

 60, 57.468, 83.039

 64, 44.610, 86.112

■ 59, 61.850, 81.209

■ 65, 37.259, 87.516

■ 58, 64.483, 79.127

■ 67, 29.732, 88.875

■ 69, 22.185, 90.196

■ 70, 14.701, 91.478

■ 72, 7.321, 92.711

■ 74, 0.062, 90.669

■ 76, 7.073, 275.127

■ 78, 14.085,
276.219

Harmonies

Complementary

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



62, 51.502, 84.635



41, 54.523, 288.533

Rectangle

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



62, 51.502, 84.635



62, 51.502, 134.635



62, 51.502, 264.635



62, 51.502, 314.635

Sweetspot

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



62, 51.502, 84.638



89, 19.023, 91.319



43, 54.438, 7.759



47, 13.008, 90.970



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 51.502, 84.638



76, 73.049, 82.106



70, 64.468, 113.872



38, 4.124, 92.801



50, 57.337, 79.466



7, 10.056, 84.433

Inverse Universe

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



41, 54.523, 288.533



46, 82.475, 293.658



34, 78.172, 305.179



36, 4.139, 275.163



25, 70.553, 298.065



2, 12.173, 279.478

Previews

White Background



This preview shows how the CIELCh color 62, 51.502, 84.635 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, 51.502, 84.635 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, 51.502, 84.635

Background



This preview shows how black text looks on a background with the CIELCh color 62, 51.502, 84.635.



This preview shows how white text looks on a background with the CIELCh color 62, 51.502, 84.635.

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, 51.502, 84.635

Protanopia

62, 50.427, 95.130

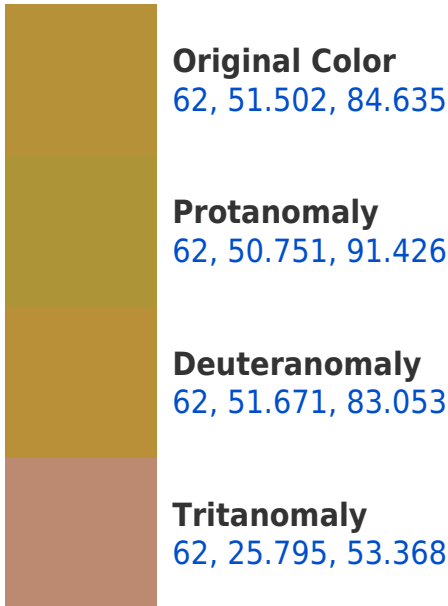
Deuteranopia

62, 51.885, 81.486



Tritanopia
62, 22.416, 6.079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 51.502, 84.635 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(183, 145, 55)` looks like.

```
.text, #text, p{  
    color:rgb(183, 145, 55)  
}
```

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(183, 145, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 145, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 51.502, 84.635 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(183, 145, 55) }
```

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

```
.border{ border-color:rgb(183, 145, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 145, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 145, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 145, 55);  
box-shadow:4px 4px 4px 4px rgb(183, 145,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 51.502, 84.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 145, 55) }
```

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

```
.background{ background-color: rgb(183,  
145, 55) }
```

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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