

Converting Colors

CIELCh(61, 63.310, 88.620)

Have a look what the booklet for
CIELCh(61, 63.310, 88.620) contains.

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Color

CIELCh(61, 63.279, 88.885)

Conversions

Conversions Part 1

Format	Color
Hex	B1900E
RGB	177, 144, 14
RGB Percent	69%, 56%, 5%
CMY	0.3067, 0.4360, 0.9464
CMYK	0.00, 0.19, 0.92, 0.31
HSL	48°, 86%, 37%
HSV	48°, 92%, 69%
XYZ	28.1100, 29.2481, 4.5674
YIQ	139.0470, 61.3980, -33.4340

Conversions

Conversions Part 2

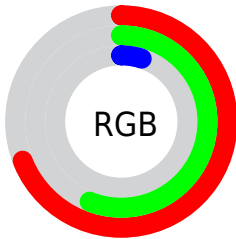
Format	Color
RYB	55, 177, 14
Decimal	11636750
CIELab	61.00, 1.23, 63.27
CIELCh	61, 63.279, 88.885
Yxy	29.2481, 0.4539, 0.4723
Android (android.graphics.Color)	4289826830 (0xFFB1900E)
YUV	139.0470, -61.6482, 33.2848
Hunter-Lab	54.0815, -1.8635, 32.8498

Details

The CIELCh color **61, 63.279, 88.885** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **27, 81.873, 300.318**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 63.187, 88.518**, and **41, 48.751, 87.111** is the 20% darker color. If you saturate the color by 10%, you get **60, 64.880, 87.744**, and if you desaturate by 10%, it is **62, 59.811, 90.284**.

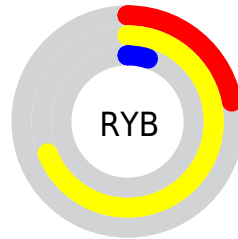
Distribution



Red (69%)

Green (56%)

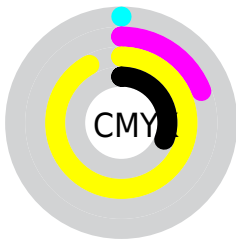
Blue (5%)



Red (22%)

Yellow (69%)

Blue (5%)

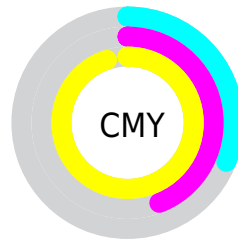


Cyan (0%)

Magenta (19%)

Yellow (92%)

Black (31%)



Cyan (31%)

Magenta (44%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 63.279, 88.885 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 61, 63.279, 88.885 by changing the saturation by 10% instead.

 61, 63.279, 88.885

 61, 63.279, 88.885

 100, 63.279,
88.885

 51, 63.279, 88.885

 81, 63.279, 88.885

 41, 63.279, 88.885

 91, 63.279, 88.885

 31, 63.279, 88.885

 21, 63.279, 88.885

 11, 63.279, 88.885

 1, 63.279, 88.885

 0, 63.279, 88.885

 61, 63.279, 88.885

 61, 63.279, 88.885

 60, 64.880, 87.744

 62, 59.811, 90.284

63, 54.523, 91.589

64, 48.005, 92.851

65, 40.757, 94.095

67, 33.120, 95.324

68, 25.303, 96.536

69, 17.429, 97.726

70, 9.567, 98.882

72, 1.754, 99.943

Harmonies

Complementary

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



61, 63.279, 88.885



27, 81.873, 300.318

Rectangle

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



61, 63.279, 88.885



61, 63.279, 138.885



61, 63.279, 268.885



61, 63.279, 318.885

Sweetspot

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



61, 63.278, 88.888



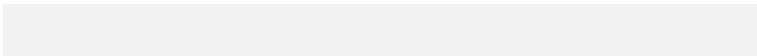
86, 27.132, 96.990



38, 66.094, 24.021



45, 18.721, 96.484



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 63.278, 88.888



76, 78.737, 87.443



67, 75.156, 118.372



37, 4.444, 99.213



53, 58.381, 87.942



7, 9.838, 94.802

Inverse Universe

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



27, 81.873, 300.318



33, 109.115, 302.728



25, 94.851, 308.119



35, 4.494, 281.395



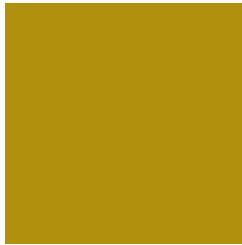
21, 78.730, 301.979



2, 11.310, 282.920

Previews

White Background



This preview shows how the CIELCh color 61, 63.279, 88.885 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 CIE LCh color 61, 63.279, 88.885 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 61, 63.279, 88.885

Background



This preview shows how black text looks on a background with the CIELCh color 61, 63.279, 88.885.



This preview shows how white text looks on a background with the CIELCh color 61, 63.279, 88.885.

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

61, 63.279, 88.885

Protanopia

61, 62.893, 95.414

Deuteranopia

61, 63.087, 83.088



Tritanopia
61, 20.777, 6.157

Trichromacy



Original Color
61, 63.279, 88.885

Protanomaly
61, 62.726, 92.768

Deuteranomaly
61, 63.109, 84.863

Tritanomaly
61, 30.351, 68.476

Monochromacy



Original Color
61, 63.279, 88.885

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 27.379, 95.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 63.279, 88.885 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(177, 144, 14)` looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 14)  
}
```

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(177, 144, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 63.279, 88.885 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(177, 144, 14) }
```

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

```
.border{ border-color:rgb(177, 144, 14) }
```

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

Here you see how a box with a 4 pixel rgb(177, 144, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 144, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 144, 14);  
box-shadow:4px 4px 4px 4px rgb(177, 144,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 63.279, 88.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 144, 14) }
```

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

```
.background{ background-color: rgb(177,  
144, 14) }
```

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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