

Converting Colors

CIELCh(61, 48.729, 85.550)

Have a look what the booklet for
CIELCh(61, 48.729, 85.550) contains.

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Color

CIELCh(61, 48.686, 85.963)

Conversions

Conversions Part 1

Format	Color
Hex	B18F3A
RGB	177, 143, 58
RGB Percent	69%, 56%, 23%
CMY	0.3064, 0.4396, 0.7730
CMYK	0.00, 0.19, 0.67, 0.31
HSL	43°, 51%, 46%
HSV	43°, 67%, 69%
XYZ	28.6697, 29.2481, 8.1228
YIQ	143.4760, 47.5490, -19.2270

Conversions

Conversions Part 2

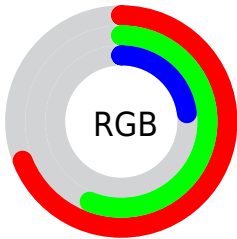
Format	Color
R_{YB}	106, 177, 58
Decimal	11636538
CIE _{Lab}	61.00, 3.43, 48.57
CIE _{LCh}	61, 48.686, 85.963
Y _{xy}	29.2481, 0.4341, 0.4429
Android (android.graphics.Color)	4289826618 (0xFFB18F3A)
YUV	143.4760, -42.1397, 29.4005
Hunter-Lab	54.0815, -0.0164, 28.9520

Details

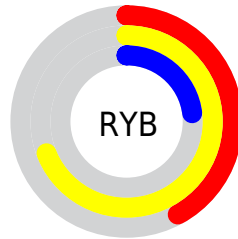
The CIELCh color **61, 48.686, 85.963** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **41, 51.616, 288.292**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 48.793, 86.510**, and **41, 48.756, 85.839** is the 20% darker color. If you saturate the color by 10%, you get **60, 54.802, 84.442**, and if you desaturate by 10%, it is **63, 41.799, 87.394**.

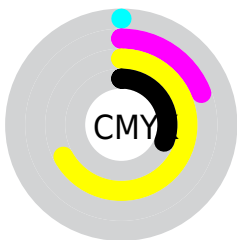
Distribution



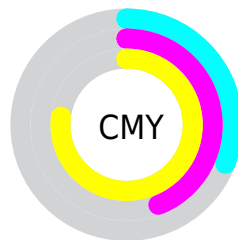
- Red (69%)
- Green (56%)
- Blue (23%)



- Red (42%)
- Yellow (69%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 48.686, 85.963 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, 48.686, 85.963 by changing the saturation by 10% instead.

■ 61, 48.686, 85.963

■ 61, 48.686, 85.963

■ 100, 48.686,
85.963

■ 51, 48.686, 85.963

■ 81, 48.686, 85.963

■ 41, 48.686, 85.963

■ 91, 48.686, 85.963

■ 31, 48.686, 85.963

■ 21, 48.686, 85.963

■ 11, 48.686, 85.963

■ 1, 48.686, 85.963

■ 0, 48.686, 85.963

■ 61, 48.686, 85.963

■ 61, 48.686, 85.963

■ 60, 54.802, 84.442

■ 63, 41.799, 87.394

58, 59.557, 82.740

64, 34.541, 88.767

57, 62.437, 80.755

66, 27.147, 90.100

56, 63.136, 80.212

67, 19.749, 91.397

69, 12.415, 92.654

71, 5.180, 93.856

73, 1.942, 275.170

74, 8.948, 276.226

76, 15.842,
277.299

Harmonies

Complementary

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



61, 48.686, 85.963



41, 51.616, 288.292

Rectangle

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



61, 48.686, 85.963



61, 48.686, 135.963



61, 48.686, 265.963



61, 48.686, 315.963

Sweetspot

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



61, 48.686, 85.966



87, 17.812, 92.272



43, 51.296, 6.830



45, 12.165, 91.928



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, 48.686, 85.966



75, 69.803, 83.600



68, 60.914, 113.945



37, 4.074, 93.616



49, 56.776, 80.512



6, 8.857, 86.620

Inverse Universe

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



41, 51.616, 288.292



45, 78.423, 293.195



34, 73.067, 304.819



35, 4.093, 275.950



24, 70.724, 298.554



2, 10.547, 279.143

Previews

White Background



This preview shows how the CIELCh color 61, 48.686, 85.963 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, 48.686, 85.963 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, 48.686, 85.963

Background



This preview shows how black text looks on a background with the CIELCh color 61, 48.686, 85.963.



This preview shows how white text looks on a background with the CIELCh color 61, 48.686, 85.963.

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, 48.686, 85.963

Protanopia

61, 48.079, 95.978

Deuteranopia

61, 48.772, 80.804



Tritanopia
61, 20.383, 5.795

Trichromacy



Original Color
61, 48.686, 85.963

Protanomaly
61, 47.912, 92.037

Deuteranomaly
61, 48.547, 82.472

Tritanomaly
61, 23.616, 55.118

Monochromacy



Original Color
61, 48.686, 85.963

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 18.152, 91.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 48.686, 85.963 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, 143, 58)` looks like.

```
.text, #text, p{  
    color:rgb(177, 143, 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(177, 143, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 143, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 48.686, 85.963 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, 143, 58) }
```

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

```
.border{ border-color:rgb(177, 143, 58) }
```

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

Here you see how a box with a 4 pixel rgb(177, 143, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 143, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 143, 58);  
box-shadow:4px 4px 4px 4px rgb(177, 143,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 48.686, 85.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 143, 58) }
```

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

```
.background{ background-color: rgb(177,  
143, 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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