

Converting Colors

CIELCh(61, 63.406, 95.417)

Have a look what the booklet for
CIELCh(61, 63.406, 95.417) contains.

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Color

CIELCh(61, 63.406, 95.417)

Conversions

Conversions Part 1

Format	Color
Hex	A6940C
RGB	166, 148, 12
RGB Percent	65%, 58%, 5%
CMY	0.3497, 0.4202, 0.9541
CMYK	0.00, 0.11, 0.93, 0.35
HSL	53°, 87%, 35%
HSV	53°, 93%, 65%
XYZ	26.3223, 29.2481, 4.5959
YIQ	137.8780, 54.3840, -38.4800

Conversions

Conversions Part 2

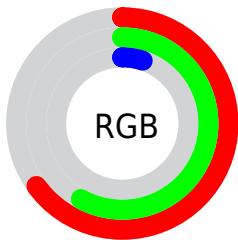
Format	Color
R_{YB}	32, 166, 12
Decimal	10916876
CIE _{Lab}	61.00, -5.99, 63.12
CIE _{LCh}	61, 63.406, 95.417
Yxy	29.2481, 0.4375, 0.4861
Android (android.graphics.Color)	4289106956 (0xFFA6940C)
YUV	137.8780, -62.0579, 24.6630
Hunter-Lab	54.0815, -7.7639, 32.8186

Details

The CIELCh color **61, 63.406, 95.417** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **23, 85.887, 303.215**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 63.694, 95.444**, and **41, 48.487, 95.686** is the 20% darker color. If you saturate the color by 10%, you get **61, 64.802, 94.799**, and if you desaturate by 10%, it is **62, 60.293, 96.325**.

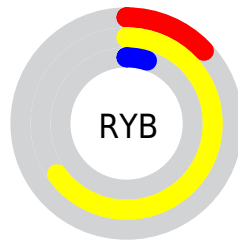
Distribution



Red (65%)

Green (58%)

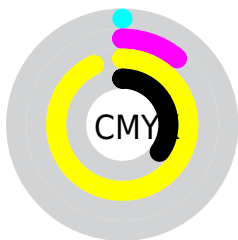
Blue (5%)



Red (13%)

Yellow (65%)

Blue (5%)

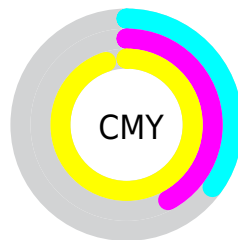


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 63.406, 95.417 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, 63.406, 95.417 by changing the saturation by 10% instead.

■ 61, 63.406, 95.417

■ 61, 63.406, 95.417

■ 100, 63.406,
95.417

■ 51, 63.406, 95.417

■ 81, 63.406, 95.417

■ 41, 63.406, 95.417

■ 91, 63.406, 95.417

■ 31, 63.406, 95.417

■ 21, 63.406, 95.417

■ 11, 63.406, 95.417

■ 1, 63.406, 95.417

■ 0, 63.406, 95.417

■ 61, 63.406, 95.417

■ 61, 63.406, 95.417

■ 61, 64.802, 94.799

■ 62, 60.293, 96.325

62, 55.385, 97.278

63, 49.158, 98.281

64, 42.073, 99.327

64, 34.475,
100.399

65, 26.589,
101.482

66, 18.559,
102.563

67, 10.470,
103.627

68, 2.375, 104.640

Harmonies

Complementary

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



61, 63.406, 95.417



23, 85.887, 303.215

Rectangle

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



61, 63.406, 95.417



61, 63.406, 145.417



61, 63.406, 275.417



61, 63.406, 325.417

Sweetspot

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



61, 63.405, 95.419



83, 28.133, 101.961



35, 66.965, 31.553



44, 19.555, 101.510



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 63.405, 95.419



77, 78.997, 94.633



62, 73.864, 122.869



35, 4.629, 104.008



54, 59.619, 94.883



5, 8.100, 102.815

Inverse Universe

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



23, 85.887, 303.215



29, 112.293, 304.820



25, 89.114, 309.801



33, 4.704, 286.018



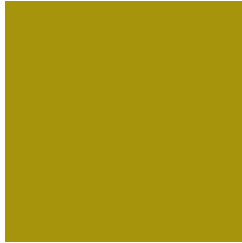
18, 83.086, 304.312



1, 8.616, 285.787

Previews

White Background



This preview shows how the CIELCh color 61, 63.406, 95.417 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, 63.406, 95.417 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, 63.406, 95.417

Background



This preview shows how black text looks on a background with the CIELCh color 61, 63.406, 95.417.



This preview shows how white text looks on a background with the CIELCh color 61, 63.406, 95.417.

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, 63.406, 95.417

Protanopia

61, 63.406, 95.417

Deuteranopia

61, 62.642, 83.001



Tritanopia
61, 15.859, 358.290

Trichromacy



Original Color
61, 63.406, 95.417

Protanomaly
61, 63.406, 95.417

Deuteranomaly
61, 62.603, 87.473

Tritanomaly
60, 27.694, 78.821

Monochromacy



Original Color
61, 63.406, 95.417

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 28.018, 101.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 63.406, 95.417 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(166, 148, 12)` looks like.

```
.text, #text, p{  
    color:rgb(166, 148, 12)  
}
```

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(166, 148, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 148, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 63.406, 95.417 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(166, 148, 12) }
```

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

```
.border{ border-color:rgb(166, 148, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 148, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 148, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 148, 12);  
box-shadow:4px 4px 4px 4px rgb(166, 148,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 63.406, 95.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 148, 12) }
```

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

```
.background{ background-color: rgb(166,  
148, 12) }
```

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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