

Converting Colors

CIELCh(61, 38.466, 92.313)

Have a look what the booklet for
CIELCh(61, 38.466, 92.313) contains.

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Color

CIELCh(61, 38.466, 92.313)

Conversions

Conversions Part 1

Format	Color
Hex	A6924E
RGB	166, 146, 78
RGB Percent	65%, 57%, 31%
CMY	0.3487, 0.4271, 0.6938
CMYK	0.00, 0.12, 0.53, 0.35
HSL	46°, 36%, 48%
HSV	46°, 53%, 65%
XYZ	27.4112, 29.2481, 11.4218
YIQ	144.2280, 33.7480, -16.9080

Conversions

Conversions Part 2

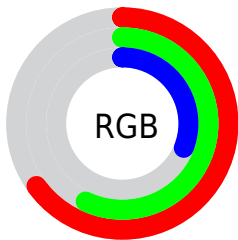
Format	Color
RYB	104, 166, 78
Decimal	10916430
CIELab	61.00, -1.55, 38.43
CIELCh	61, 38.466, 92.313
Yxy	29.2481, 0.4026, 0.4296
Android (android.graphics.Color)	4289106510 (0xFFA6924E)
YUV	144.2280, -32.6504, 19.0940
Hunter-Lab	54.0815, -4.1701, 25.3352

Details

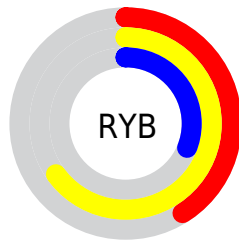
The CIELCh color **61, 38.466, 92.313** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **43, 40.984, 287.773**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 38.442, 92.368**, and **41, 38.409, 92.343** is the 20% darker color. If you saturate the color by 10%, you get **60, 45.283, 91.027**, and if you desaturate by 10%, it is **62, 31.313, 93.582**.

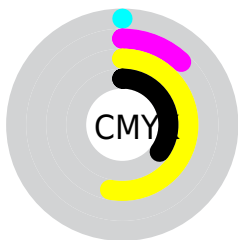
Distribution



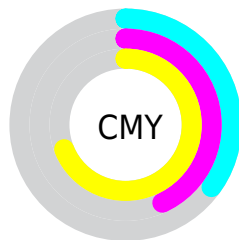
- Red (65%)
- Green (57%)
- Blue (31%)



- Red (41%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 38.466, 92.313 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, 38.466, 92.313 by changing the saturation by 10% instead.

61, 38.466, 92.313

61, 38.466, 92.313

100, 38.466,
92.313

51, 38.466, 92.313

81, 38.466, 92.313

41, 38.466, 92.313

91, 38.466, 92.313

31, 38.466, 92.313

21, 38.466, 92.313

11, 38.466, 92.313

1, 38.466, 92.313

0, 38.466, 92.313

61, 38.466, 92.313

61, 38.466, 92.313

60, 45.283, 91.027

62, 31.313, 93.582

■ 59, 51.442, 89.699

■ 64, 24.015, 94.824

■ 58, 56.465, 88.301

■ 65, 16.685, 96.038

■ 56, 59.779, 86.766

■ 66, 9.383, 97.217

■ 56, 61.337, 85.630

■ 68, 2.143, 98.311

■ 69, 5.020, 279.519

■ 71, 12.098,
280.564

■ 72, 19.090,
281.575

■ 74, 25.998,
282.539

Harmonies

Complementary

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



61, 38.466, 92.313



43, 40.984, 287.773

Rectangle

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



61, 38.466, 92.313



61, 38.466, 142.313



61, 38.466, 272.313



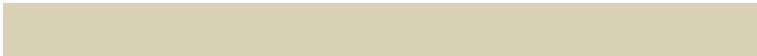
61, 38.466, 322.313

Sweetspot

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



61, 38.467, 92.317



84, 14.377, 96.832



45, 38.757, 8.149



44, 9.794, 96.600



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, 38.467, 92.317



76, 56.950, 90.739



65, 47.740, 117.479



35, 4.123, 97.639



50, 56.378, 85.820



5, 6.999, 94.191

Inverse Universe

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



43, 40.984, 287.773



49, 62.687, 290.998



40, 53.932, 304.851



33, 4.161, 279.850



21, 74.365, 300.982



1, 7.779, 280.668

Previews

White Background



This preview shows how the CIELCh color 61, 38.466, 92.313 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, 38.466, 92.313 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, 38.466, 92.313

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.466, 92.313.



This preview shows how white text looks on a background with the CIELCh color 61, 38.466, 92.313.

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, 38.466, 92.313

Protanopia

61, 37.908, 95.660

Deuteranopia

61, 38.862, 78.254



Tritanopia
61, 15.105, 356.985

Trichromacy



Original Color
61, 38.466, 92.313

Protanomaly
61, 38.001, 94.992

Deuteranomaly
61, 38.209, 83.023

Tritanomaly
61, 15.940, 59.230

Monochromacy



Original Color
61, 38.466, 92.313

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 14.320, 96.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.466, 92.313 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, 146, 78)` looks like.

```
.text, #text, p{  
    color:rgb(166, 146, 78)  
}
```

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, 146, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 146, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.466, 92.313 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, 146, 78) }
```

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

```
.border{ border-color:rgb(166, 146, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 146, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 146, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 146, 78);  
box-shadow:4px 4px 4px 4px rgb(166, 146,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.466, 92.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 146, 78) }
```

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

```
.background{ background-color: rgb(166,  
146, 78) }
```

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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