

Converting Colors

CIELCh(61, 38.469, 147.002)

Have a look what the booklet for
CIELCh(61, 38.469, 147.002)
contains.

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Color

CIELCh(61, 38.108, 146.926)

Conversions

Conversions Part 1

Format	Color
Hex	61A16D
RGB	97, 161, 109
RGB Percent	38%, 63%, 43%
CMY	0.6186, 0.3676, 0.5716
CMYK	0.40, 0.00, 0.32, 0.37
HSL	131°, 25%, 51%
HSV	131°, 40%, 63%
XYZ	20.5226, 29.2481, 19.1023
YIQ	135.9360, -21.4520, -29.7400

Conversions

Conversions Part 2

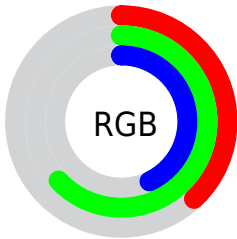
Format	Color
RYB	97, 151, 161
Decimal	6398317
CIELab	61.00, -31.93, 20.80
CIElCh	61, 38.108, 146.926
Yxy	29.2481, 0.2980, 0.4247
Android (android.graphics.Color)	4284588397 (0xFF61A16D)
YUV	135.9360, -13.2794, -34.1469
Hunter-Lab	54.0815, -26.9063, 16.9151

Details

The CIELCh color $61, 38.108, 146.926$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 38.198, 332.593$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 37.955, 147.097$, and $41, 38.188, 147.008$ is the 20% darker color. If you saturate the color by 10%, you get $60, 47.199, 145.797$, and if you desaturate by 10%, it is $62, 28.651, 147.909$.

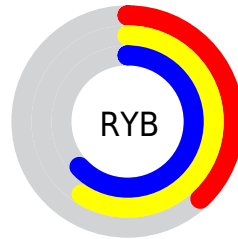
Distribution



Red (38%)

Green (63%)

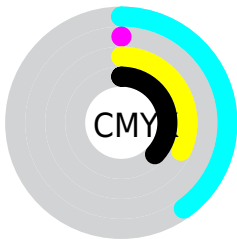
Blue (43%)



Red (38%)

Yellow (59%)

Blue (63%)

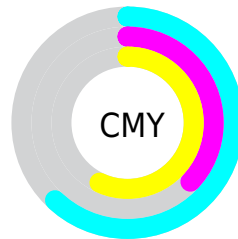


Cyan (40%)

Magenta (0%)

Yellow (32%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.108, 146.926 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, 38.108, 146.926 by changing the saturation by 10% instead.

 61, 38.108,
146.926


 61, 38.108,
146.926


 100, 38.108,
146.926


 51, 38.108,
146.926


 81, 38.108,
146.926

 41, 38.108,
146.926

 91, 38.108,
146.926

 31, 38.108,
146.926

 21, 38.108,
146.926

 11, 38.108,
146.926

 1, 38.108, 146.926

 0, 38.108, 146.926

■ 61, 38.108,
146.926

■ 61, 38.108,
146.926

■ 60, 47.199,
145.797

■ 62, 28.651,
147.909

■ 59, 55.717,
144.513

■ 63, 19.003,
148.760

■ 59, 63.450,
143.083

■ 65, 9.313, 149.505

■ 58, 70.186,
141.541

■ 66, 0.302, 329.245

■ 68, 9.756, 330.628

■ 58, 75.732,
139.954

■ 70, 18.989,
331.118

■ 58, 80.028,
138.508

■ 72, 27.964,
331.541

■ 58, 80.145,
138.472

■ 74, 36.659,
331.912

■ 76, 45.065,
332.240

Harmonies

Complementary

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



61, 38.108, 146.926



50, 38.198, 332.593

Rectangle

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



61, 38.108, 146.926



61, 38.108, 196.926



61, 38.108, 326.926



61, 38.108, 16.926

Sweetspot

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



61, 38.109, 146.926



82, 14.268, 149.324



64, 35.110, 114.622



43, 9.451, 149.237



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 38.109, 146.926



76, 56.391, 145.892



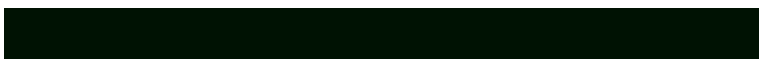
62, 25.715, 170.805



34, 5.487, 149.534



52, 74.008, 138.619



4, 8.622, 149.495

Inverse Universe

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



50, 38.198, 332.593



60, 56.296, 333.218



49, 28.685, 359.446



32, 5.504, 330.619



33, 65.890, 337.187



1, 8.237, 331.726

Previews

White Background



This preview shows how the CIELCh color 61, 38.108, 146.926 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 CIELCh color 61, 38.108, 146.926 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, 38.108, 146.926

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.108, 146.926.



This preview shows how white text looks on a background with the CIELCh color 61, 38.108, 146.926.

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, 38.108, 146.926

Protanopia
61, 24.540, 95.221

Deuteranopia
61, 20.338, 67.665



Tritanopia
61, 16.473, 222.592

Trichromacy



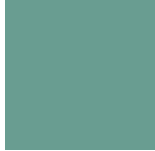
Original Color
61, 38.108, 146.926



Protanomaly
61, 26.905, 121.662



Deuteranomaly
60, 20.121, 111.466



Tritanomaly
61, 20.035, 177.809

Monochromacy



Original Color
61, 38.108, 146.926



Achromatopsia
57, 0.007, 296.813



Achromatomaly
58, 14.154, 148.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.108, 146.926 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(97, 161, 109)` looks like.

```
.text, #text, p{  
    color:rgb(97, 161, 109)  
}
```

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(97, 161, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 161, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.108, 146.926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

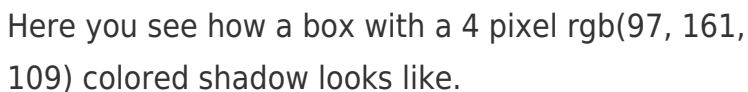
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 161, 109) }
```

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

```
.border{ border-color:rgb(97, 161, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 161, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 161, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 161, 109); box-shadow:4px 4px 4px 4px rgb(97, 161, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.108, 146.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 161, 109) }
```

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

```
.background{ background-color: rgb(97, 161,  
109) }
```

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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