

Converting Colors

CIELCh(61, 38.414, 147.452)

Have a look what the booklet for
CIELCh(61, 38.414, 147.452)
contains.

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Color

CIELCh(61, 38.330, 147.271)

Conversions

Conversions Part 1

Format	Color
Hex	60A16D
RGB	96, 161, 109
RGB Percent	38%, 63%, 43%
CMY	0.6220, 0.3671, 0.5711
CMYK	0.40, 0.00, 0.32, 0.37
HSL	132°, 26%, 51%
HSV	132°, 40%, 63%
XYZ	20.4588, 29.2481, 19.1395
YIQ	135.6370, -22.0480, -29.9520

Conversions

Conversions Part 2

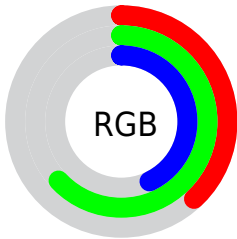
Format	Color
RYB	96, 150, 161
Decimal	6332781
CIELab	61.00, -32.24, 20.72
CIElCh	61, 38.330, 147.271
Yxy	29.2481, 0.2972, 0.4248
Android (android.graphics.Color)	4284522861 (0xFF60A16D)
YUV	135.6370, -13.1320, -34.7616
Hunter-Lab	54.0815, -27.1171, 16.8743

Details

The CIELCh color $61, 38.330, 147.271$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 38.441, 333.102$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 38.177, 147.456$, and $41, 38.381, 147.290$ is the 20% darker color. If you saturate the color by 10%, you get $60, 47.317, 146.126$, and if you desaturate by 10%, it is $62, 28.970, 148.267$.

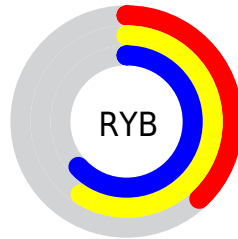
Distribution



Red (38%)

Green (63%)

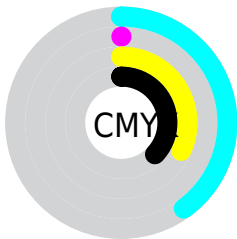
Blue (43%)



Red (38%)

Yellow (59%)

Blue (63%)

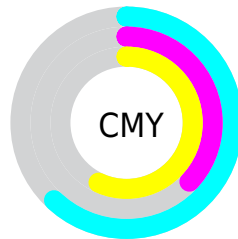


Cyan (40%)

Magenta (0%)

Yellow (32%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.330, 147.271 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, 38.330, 147.271 by changing the saturation by 10% instead.


 61, 38.330,
147.271


 61, 38.330,
147.271


 100, 38.330,
147.271


 51, 38.330,
147.271


 81, 38.330,
147.271

 41, 38.330,
147.271

 91, 38.330,
147.271

 31, 38.330,
147.271

 21, 38.330,
147.271

 11, 38.330,
147.271

 1, 38.330, 147.271

 0, 38.330, 147.271

61, 38.330,
147.271

61, 38.330,
147.271

60, 47.317,
146.126

62, 28.970,
148.267

59, 55.731,
144.823

63, 19.411,
149.131

59, 63.363,
143.371

65, 9.802, 149.887

58, 70.014,
141.800

66, 0.260, 151.515

68, 9.129, 331.031

58, 75.504,
140.175

70, 18.303,
331.532

58, 79.698,
138.732

72, 27.224,
331.964

74, 35.869,
332.344

■ 76, 44.228,
332.681

Harmonies

Complementary

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



61, 38.330, 147.271



50, 38.441, 333.102

Rectangle

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



61, 38.330, 147.271



61, 38.330, 197.271



61, 38.330, 327.271



61, 38.330, 17.271

Sweetspot

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



61, 38.331, 147.271



82, 14.141, 149.747



64, 35.633, 114.583



43, 9.366, 149.659



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, 38.331, 147.271



76, 55.879, 146.294



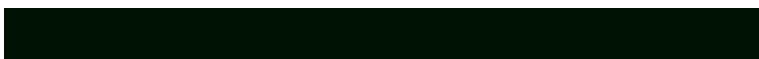
62, 26.081, 170.734



34, 5.438, 149.959



52, 73.540, 138.886



4, 8.553, 149.874

Inverse Universe

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



50, 38.441, 333.102



60, 55.829, 333.704



49, 29.142, 359.541



32, 5.456, 331.054



33, 65.293, 337.913



1, 8.153, 332.252

Previews

White Background



This preview shows how the CIELCh color 61, 38.330, 147.271 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, 38.330, 147.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

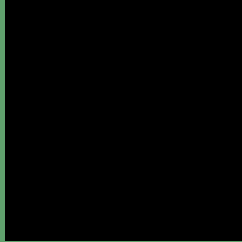
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 38.330, 147.271

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.330, 147.271.



This preview shows how white text looks on a background with the CIELCh color 61, 38.330, 147.271.

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, 38.330, 147.271

Protanopia
61, 24.540, 95.221

Deuteranopia
61, 20.338, 67.665



Tritanopia
61, 16.911, 224.034

Trichromacy



Original Color
61, 38.330, 147.271

Protanomaly
61, 26.905, 121.662

Deuteranomaly
60, 20.121, 111.466

Tritanomaly
61, 20.088, 179.551

Monochromacy



Original Color
61, 38.330, 147.271

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, 38.330, 147.271 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(96, 161, 109)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 161, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 161, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.330, 147.271 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(96, 161, 109) }
```

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

```
.border{ border-color:rgb(96, 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(96, 161, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 161, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 161, 109);  
box-shadow:4px 4px 4px 4px rgb(96, 161,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.330, 147.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 161, 109) }
```

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

```
.background{ background-color: rgb(96, 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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