

Converting Colors

CIELCh(61, 38.180, 140.294)

Have a look what the booklet for
CIELCh(61, 38.180, 140.294)
contains.

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Color

CIELCh(61, 38.004, 140.263)

Conversions

Conversions Part 1

Format	Color
Hex	6BA067
RGB	107, 160, 103
RGB Percent	42%, 63%, 40%
CMY	0.5804, 0.3725, 0.5961
CMYK	0.33, 0.00, 0.36, 0.37
HSL	116°, 23%, 52%
HSV	116°, 36%, 63%
XYZ	21.0836, 29.2481, 17.3671
YIQ	137.6550, -13.2910, -28.9630

Conversions

Conversions Part 2

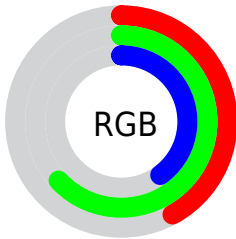
Format	Color
RYB	103, 160, 156
Decimal	7053415
CIELab	61.00, -29.22, 24.29
CIElCh	61, 38.004, 140.263
Yxy	29.2481, 0.3114, 0.4320
Android (android.graphics.Color)	4285243495 (0xFF6BA067)
YUV	137.6550, -17.0849, -26.8844
Hunter-Lab	54.0815, -25.0547, 18.8174

Details

The CIELCh color $61, 38.004, 140.263$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $51, 38.156, 324.270$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 37.800, 140.484$, and $41, 38.100, 140.367$ is the 20% darker color. If you saturate the color by 10%, you get $60, 48.255, 139.413$, and if you desaturate by 10%, it is $62, 27.412, 141.027$.

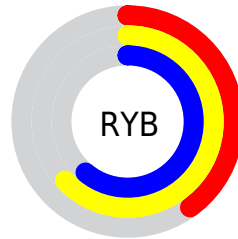
Distribution



Red (42%)

Green (63%)

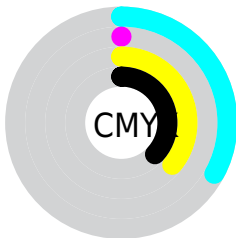
Blue (40%)



Red (40%)

Yellow (63%)

Blue (61%)

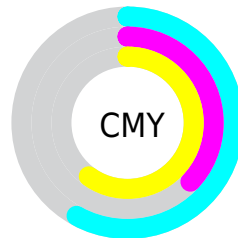


Cyan (33%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (58%)


Magenta (37%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.004, 140.263 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, 38.004, 140.263 by changing the saturation by 10% instead.


 61, 38.004,
140.263


 61, 38.004,
140.263


 100, 38.004,
140.263


 51, 38.004,
140.263


 81, 38.004,
140.263

 41, 38.004,
140.263

 91, 38.004,
140.263

 31, 38.004,
140.263

 21, 38.004,
140.263

 11, 38.004,
140.263

 1, 38.004, 140.263

 0, 38.004, 140.263

■ 61, 38.004,
140.263

■ 61, 38.004,
140.263

■ 60, 48.255,
139.413

■ 62, 27.412,
141.027

■ 59, 57.895,
138.500

■ 64, 16.681,
141.697

■ 58, 66.589,
137.581

■ 65, 5.967, 142.294

■ 58, 73.930,
136.750

■ 67, 4.617, 322.707

■ 58, 79.488,
136.135

■ 68, 14.993,
323.156

■ 57, 82.979,
135.832

■ 70, 25.110,
323.517

■ 57, 84.134,
135.669

■ 72, 34.939,
323.821

■ 74, 44.465,
324.079

■ 76, 53.684,
324.299

Harmonies

Complementary

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



61, 38.004, 140.263



51, 38.156, 324.270

Rectangle

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



61, 38.004, 140.263



61, 38.004, 190.263



61, 38.004, 320.263



61, 38.004, 10.263

Sweetspot

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



61, 38.005, 140.263



82, 14.571, 141.967



63, 28.777, 102.942



43, 9.777, 141.892



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, 38.005, 140.263



77, 56.668, 139.571



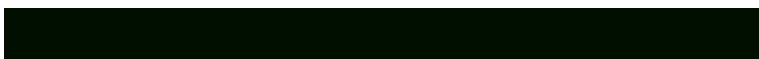
61, 28.562, 156.246



33, 5.957, 142.083



51, 77.359, 135.619



3, 7.776, 142.647

Inverse Universe

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



51, 38.156, 324.270



62, 56.854, 324.631



51, 29.321, 342.431



31, 5.974, 322.979



32, 75.347, 325.548



1, 7.731, 322.114

Previews

White Background



This preview shows how the CIELCh color 61, 38.004, 140.263 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, 38.004, 140.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

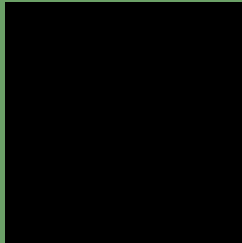
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 38.004, 140.263

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.004, 140.263.



This preview shows how white text looks on a background with the CIELCh color 61, 38.004, 140.263.

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, 38.004, 140.263

Protanopia
61, 28.258, 96.310

Deuteranopia
61, 23.676, 70.730



Tritanopia
61, 13.691, 231.054

Trichromacy



Original Color
61, 38.004, 140.263

Protanomaly
61, 29.687, 116.784

Deuteranomaly
60, 22.857, 105.420

Tritanomaly
61, 16.995, 172.283

Monochromacy



Original Color
61, 38.004, 140.263

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 14.126, 141.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.004, 140.263 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(107, 160, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 160, 103)  
}
```

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(107, 160, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 160, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.004, 140.263 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(107, 160, 103) }
```

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

```
.border{ border-color:rgb(107, 160, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 160, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 160, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 160, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 160,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.004, 140.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 160, 103) }
```

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

```
.background{ background-color: rgb(107,  
160, 103) }
```

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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