

Converting Colors

CIELCh(61, 38.089, 138.949)

Have a look what the booklet for
CIELCh(61, 38.089, 138.949)
contains.

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Color

CIELCh(61, 38.049, 138.965)

Conversions

Conversions Part 1

Format	Color
Hex	6DA066
RGB	109, 160, 102
RGB Percent	43%, 63%, 40%
CMY	0.5735, 0.3735, 0.6009
CMYK	0.32, 0.00, 0.36, 0.37
HSL	113°, 23%, 51%
HSV	113°, 36%, 63%
XYZ	21.1933, 29.2481, 17.0400
YIQ	138.1390, -11.7780, -28.8500

Conversions

Conversions Part 2

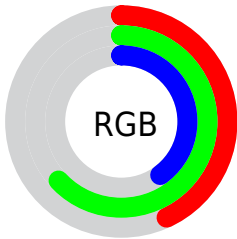
Format	Color
RYB	102, 160, 153
Decimal	7184486
CIELab	61.00, -28.70, 24.98
CIELCh	61, 38.049, 138.965
Yxy	29.2481, 0.3141, 0.4334
Android (android.graphics.Color)	4285374566 (0xFF6DA066)
YUV	138.1390, -17.8165, -25.5549
Hunter-Lab	54.0815, -24.6928, 19.1760

Details

The CIELCh color $61, 38.049, 138.965$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 38.361, 322.797$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 37.845, 139.210$, and $41, 38.153, 139.102$ is the 20% darker color. If you saturate the color by 10%, you get $60, 48.133, 138.193$, and if you desaturate by 10%, it is $62, 27.641, 139.671$.

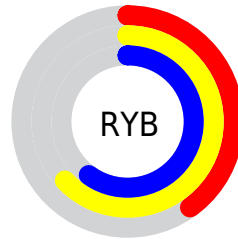
Distribution



Red (43%)

Green (63%)

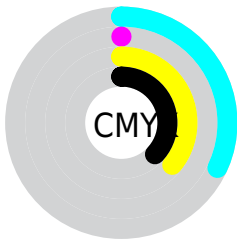
Blue (40%)



Red (40%)

Yellow (63%)

Blue (60%)

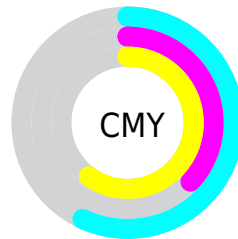


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (57%)


Magenta (37%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.049, 138.965 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, 38.049, 138.965 by changing the saturation by 10% instead.


 61, 38.049,
138.965


 61, 38.049,
138.965


 100, 38.049,
138.965


 51, 38.049,
138.965


 81, 38.049,
138.965

 41, 38.049,
138.965

 91, 38.049,
138.965

 31, 38.049,
138.965

 21, 38.049,
138.965

 11, 38.049,
138.965

 1, 38.049, 138.965

 0, 38.049, 138.965

■ 61, 38.049,
138.965

■ 61, 38.049,
138.965

■ 60, 48.133,
138.193

■ 62, 27.641,
139.671

■ 59, 57.634,
137.383

■ 63, 17.099,
140.298

■ 59, 66.229,
136.596

■ 65, 6.568, 140.859

■ 58, 73.514,
135.931

■ 66, 3.848, 321.246

■ 58, 79.061,
135.512

■ 68, 14.076,
321.683

■ 57, 82.613,
135.412

■ 70, 24.067,
322.030

■ 57, 83.664,
135.340

■ 72, 33.792,
322.323

■ 74, 43.236,
322.571

■ 76, 52.393,
322.782

Harmonies

Complementary

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



61, 38.049, 138.965



50, 38.361, 322.797

Rectangle

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



61, 38.049, 138.965



61, 38.049, 188.965



61, 38.049, 318.965



61, 38.049, 8.965

Sweetspot

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



61, 38.050, 138.966



81, 14.195, 140.589



62, 27.935, 100.212



43, 9.621, 140.518



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, 38.050, 138.966



76, 56.483, 138.310



61, 30.224, 153.971



33, 5.862, 140.698



52, 76.997, 135.273



3, 7.661, 141.310

Inverse Universe

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



50, 38.361, 322.797



60, 56.963, 323.148



50, 30.805, 339.988



31, 5.884, 321.541



30, 75.690, 323.676



1, 7.592, 320.445

Previews

White Background



This preview shows how the CIELCh color 61, 38.049, 138.965 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, 38.049, 138.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

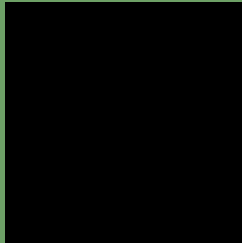
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 38.049, 138.965

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.049, 138.965.



This preview shows how white text looks on a background with the CIELCh color 61, 38.049, 138.965.

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, 38.049, 138.965

Protanopia
61, 28.791, 96.430

Deuteranopia
61, 24.421, 70.612



Tritanopia
61, 12.899, 230.339

Trichromacy



Original Color
61, 38.049, 138.965

Protanomaly
61, 30.139, 115.781

Deuteranomaly
60, 23.970, 104.359

Tritanomaly
61, 16.680, 169.647

Monochromacy



Original Color
61, 38.049, 138.965

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, 38.049, 138.965 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(109, 160, 102)` looks like.

```
.text, #text, p{  
    color:rgb(109, 160, 102)  
}
```

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(109, 160, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 160, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.049, 138.965 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(109, 160, 102) }
```

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

```
.border{ border-color:rgb(109, 160, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 160, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 160, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 160, 102);  
box-shadow:4px 4px 4px 4px rgb(109, 160,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.049, 138.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 160, 102) }
```

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

```
.background{ background-color: rgb(109,  
160, 102) }
```

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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