

Converting Colors

CIELCh(40, 61.019, 138.205)

Have a look what the booklet for
CIELCh(40, 61.019, 138.205)
contains.

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Color

CIELCh(40, 61.028, 138.177)

Conversions

Conversions Part 1

Format	Color
Hex	026E10
RGB	2, 110, 16
RGB Percent	1%, 43%, 6%
CMY	0.9939, 0.5677, 0.9361
CMYK	0.99, 0.00, 0.85, 0.57
HSL	128°, 97%, 22%
HSV	128°, 99%, 43%
XYZ	5.7166, 11.2510, 2.3718
YIQ	66.9920, -34.1940, -52.1300

Conversions

Conversions Part 2

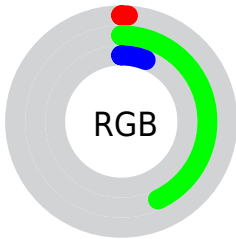
Format	Color
RYB	2, 98, 110
Decimal	159248
CIELab	40.00, -45.48, 40.70
CIELCh	40, 61.028, 138.177
Yxy	11.2510, 0.2956, 0.5818
Android (android.graphics.Color)	4278349328 (0xFF026E10)
YUV	66.9920, -25.1391, -56.9980
Hunter-Lab	33.5425, -28.2779, 19.2872

Details

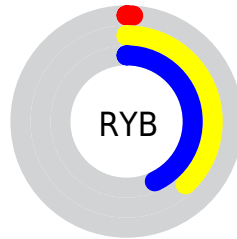
The CIELCh color **40, 61.028, 138.177** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 56.012, 334.071**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 61.164, 138.176**, and **21, 42.369, 137.083** is the 20% darker color. If you saturate the color by 10%, you get **40, 61.459, 138.060**, and if you desaturate by 10%, it is **40, 57.561, 139.339**.

Distribution



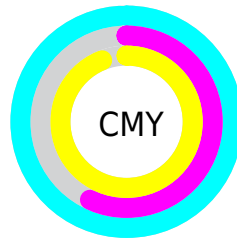
- Red (1%)
- Green (43%)
- Blue (6%)



- Red (1%)
- Yellow (38%)
- Blue (43%)



- Cyan (99%)
- Magenta (0%)
- Yellow (85%)
- Black (57%)





- Cyan (99%)
- Magenta (57%)
- Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 61.028, 138.177 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 40, 61.028, 138.177 by changing the saturation by 10% instead.


 40, 61.028,
138.177


 40, 61.028,
138.177


 100, 61.028,
138.177


 30, 61.028,
138.177

 60, 61.028,
138.177


 20, 61.028,
138.177

 70, 61.028,
138.177


 10, 61.028,
138.177

 80, 61.028,
138.177

 0, 61.028, 138.177

 90, 61.028,
138.177

 40, 61.028,

 40, 61.028,

138.177

■ 40, 61.459,
138.060

138.177

■ 40, 57.561,
139.339

■ 40, 53.159,
140.720

■ 41, 47.849,
142.083

■ 41, 41.806,
143.361

■ 42, 35.205,
144.519

■ 43, 28.211,
145.544

■ 43, 20.974,
146.440

■ 44, 13.622,
147.219

Harmonies

Complementary

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



40, 61.028, 138.177



24, 56.012, 334.071

Rectangle

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



40, 61.028, 138.177



40, 61.028, 188.177



40, 61.028, 318.177



40, 61.028, 8.177

Sweetspot

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



40, 61.028, 138.178



55, 27.214, 146.252



44, 52.446, 110.565



28, 18.421, 145.977



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 61.028, 138.178



51, 74.728, 137.672



41, 40.156, 158.363



23, 4.164, 147.876



43, 65.452, 137.921



85, 113.834, 137.163

Inverse Universe

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



24, 56.012, 334.071



32, 67.638, 334.333



22, 45.369, 11.569



22, 4.174, 328.850



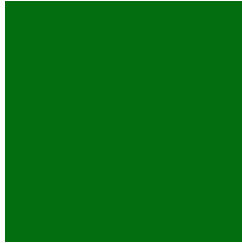
27, 59.699, 334.215



57, 101.371, 334.611

Previews

White Background



This preview shows how the CIELCh color 40, 61.028, 138.177 looks on a white 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

Black Background



This preview shows how the CIELCh color 40, 61.028, 138.177 looks on a black 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

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

CIELCh 40, 61.028, 138.177

Background



This preview shows how black text looks on a background with the CIELCh color 40, 61.028, 138.177.



This preview shows how white text looks on a background with the CIELCh color 40, 61.028, 138.177.

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
40, 60.965, 138.107

Protanopia
40, 44.144, 95.397

Deuteranopia
40, 38.519, 81.992



Tritanopia
40, 19.003, 212.344

Trichromacy



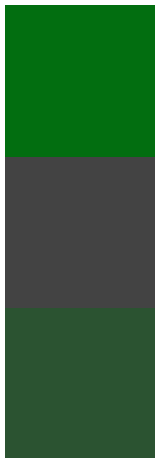
Original Color
40, 60.965, 138.107

Protanomaly
39, 48.200, 121.529

Deuteranomaly
38, 41.823, 117.875

Tritanomaly
40, 32.072, 162.370

Monochromacy



Original Color
40, 60.965, 138.107

Achromatopsia
28, 0.004, 296.813

Achromatomaly
32, 27.411, 145.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 61.028, 138.177 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(2, 110, 16)` looks like.

```
.text, #text, p{  
    color:rgb(2, 110, 16)  
}
```

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(2, 110, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 110, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 61.028, 138.177 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(2, 110, 16) }
```

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

```
.border{ border-color:rgb(2, 110, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 110, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 110, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 110, 16);  
box-shadow:4px 4px 4px 4px rgb(2, 110, 16)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 61.028, 138.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 110, 16) }
```

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

```
.background{ background-color: rgb(2, 110,  
16) }
```

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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