

Converting Colors

CIELCh(38, 60.652, 137.050)

Have a look what the booklet for
CIELCh(38, 60.652, 137.050)
contains.

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Color

CIELCh(38, 60.769, 136.973)

Conversions

Conversions Part 1

Format	Color
Hex	016907
RGB	1, 105, 7
RGB Percent	0%, 41%, 3%
CMY	0.9976, 0.5889, 0.9734
CMYK	0.99, 0.00, 0.94, 0.59
HSL	124°, 99%, 21%
HSV	124°, 99%, 41%
XYZ	5.0795, 10.0881, 1.8741
YIQ	62.7320, -30.5260, -52.5260

Conversions

Conversions Part 2

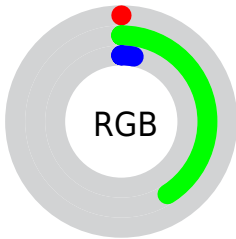
Format	Color
R_YB	1, 99, 105
Decimal	92423
CIE _{Lab}	38.00, -44.42, 41.47
CIE _{LCh}	38, 60.769, 136.973
Yxy	10.0881, 0.2981, 0.5920
Android (android.graphics.Color)	4278282503 (0xFF016907)
YUV	62.7320, -27.4759, -54.1390
Hunter-Lab	31.7617, -27.0365, 18.7349

Details

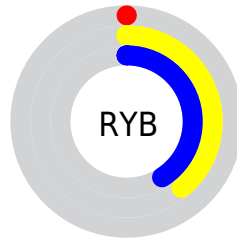
The CIELCh color **38, 60.769, 136.973** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **23, 57.396, 330.580**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **58, 60.440, 136.930**, and **19, 39.625, 137.819** is the 20% darker color. If you saturate the color by 10%, you get **38, 60.935, 136.937**, and if you desaturate by 10%, it is **38, 57.813, 137.726**.

Distribution



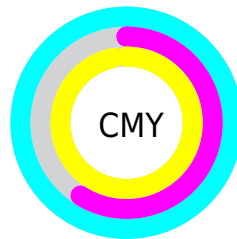
- Red (0%)
- Green (41%)
- Blue (3%)



- Red (0%)
- Yellow (39%)
- Blue (41%)



- Cyan (99%)
- Magenta (0%)
- Yellow (94%)
- Black (59%)





- Cyan (100%)
- Magenta (59%)
- Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 60.769, 136.973 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 38, 60.769, 136.973 by changing the saturation by 10% instead.


 38, 60.769,
136.973


 38, 60.769,
136.973

 100, 60.769,
136.973


 28, 60.769,
136.973

 58, 60.769,
136.973


 18, 60.769,
136.973


 68, 60.769,
136.973

 8, 60.769, 136.973

 78, 60.769,
136.973

 0, 60.769, 136.973

 88, 60.769,
136.973

 98, 60.769,
136.973

■ 38, 60.769,
136.973

■ 38, 60.769,
136.973

■ 38, 60.935,
136.937

■ 38, 57.813,
137.726

■ 38, 53.813,
138.826

■ 39, 48.728,
140.011

■ 39, 42.781,
141.183

■ 40, 36.192,
142.280

■ 40, 29.159,
143.269

■ 41, 21.852,
144.141

■ 42, 14.413,

144.900

■ 43, 6.954, 145.564

Harmonies

Complementary

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



38, 60.769, 136.973



23, 57.396, 330.580

Rectangle

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



38, 60.769, 136.973



38, 60.769, 186.973



38, 60.769, 316.973



38, 60.769, 6.973

Sweetspot

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



38, 60.769, 136.974



53, 27.452, 144.025



42, 50.348, 105.793



27, 18.857, 143.763



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



38, 60.769, 136.974



49, 73.485, 136.708



39, 42.640, 153.228



22, 4.225, 145.591



42, 66.168, 136.829



85, 115.146, 136.366

Inverse Universe

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



23, 57.396, 330.580



31, 68.917, 330.666



21, 43.837, 3.909



21, 4.233, 326.518



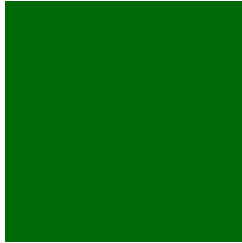
27, 62.276, 330.630



57, 106.883, 330.781

Previews

White Background



This preview shows how the CIELCh color 38, 60.769, 136.973 looks on a white background.

Color Contrast Check

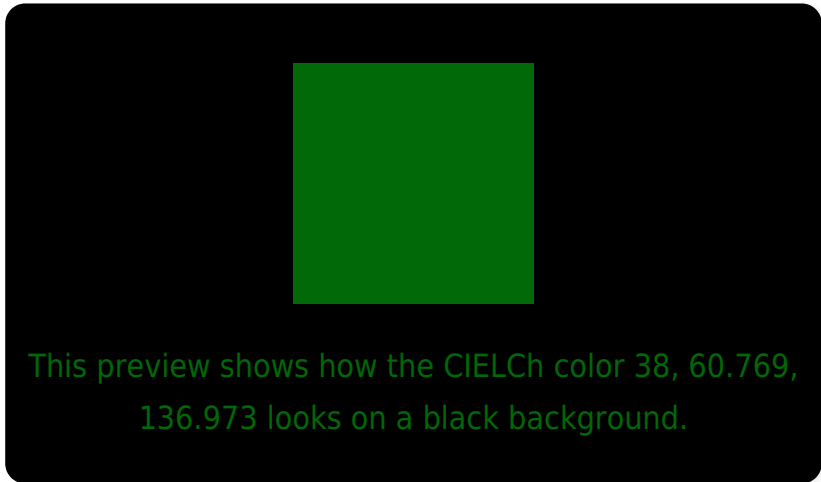
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

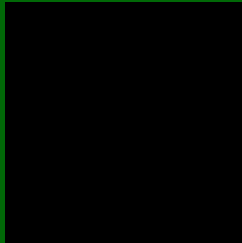
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 60.769, 136.973

Background



This preview shows how black text looks on a background with the CIELCh color 38, 60.769, 136.973.



This preview shows how white text looks on a background with the CIELCh color 38, 60.769, 136.973.

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
38, 60.769, 136.973

Protanopia
38, 45.686, 95.777

Deuteranopia
38, 38.563, 83.143



Tritanopia
38, 17.995, 213.415

Trichromacy



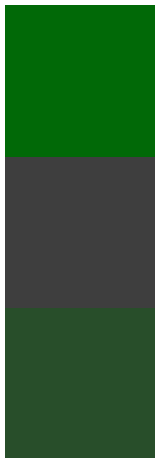
Original Color
38, 60.769, 136.973

Protanomaly
37, 49.152, 120.433

Deuteranomaly
36, 42.399, 117.541

Tritanomaly
37, 32.204, 159.437

Monochromacy



Original Color
38, 60.769, 136.973

Achromatopsia
26, 0.004, 296.813

Achromatomaly
30, 28.158, 142.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 60.769, 136.973 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(1, 105, 7)` looks like.

```
.text, #text, p{  
    color:rgb(1, 105, 7)  
}
```

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(1, 105, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 105, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 60.769, 136.973 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(1, 105, 7) }
```

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

```
.border{ border-color:rgb(1, 105, 7) }
```

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

Here you see how a box with a 4 pixel rgb(1, 105, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 105, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 105, 7); box-shadow:4px  
4px 4px 4px rgb(1, 105, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 60.769, 136.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 105, 7) }
```

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

```
.background{ background-color: rgb(1, 105,  
7) }
```

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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