

Converting Colors

CIELCh(38, 60.982, 134.553)

Have a look what the booklet for
CIELCh(38, 60.982, 134.553)
contains.

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Color

CIELCh(38, 60.769, 134.569)

Conversions

Conversions Part 1

Format	Color
Hex	126800
RGB	18, 104, 0
RGB Percent	7%, 41%, 0%
CMY	0.9311, 0.5909, 0.9986
CMYK	0.83, 0.00, 1.00, 0.59
HSL	110°, 99%, 21%
HSV	110°, 100%, 41%
XYZ	5.2247, 10.0881, 1.6821
YIQ	66.4300, -17.8720, -50.5760

Conversions

Conversions Part 2

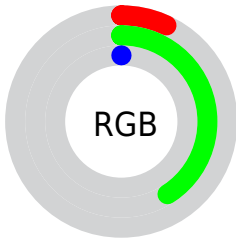
Format	Color
RYB	0, 104, 86
Decimal	1206272
CIELab	38.00, -42.65, 43.29
CIELCh	38, 60.769, 134.569
Yxy	10.0881, 0.3074, 0.5936
Android (android.graphics.Color)	4279396352 (0xFF126800)
YUV	66.4300, -32.7500, -42.4731
Hunter-Lab	31.7617, -26.2201, 19.0932

Details

The CIELCh color **38, 60.769, 134.569** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20, 60.585, 322.248**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **58, 60.429, 134.567**, and **19, 39.062, 137.997** is the 20% darker color. If you saturate the color by 10%, you get **38, 60.881, 134.549**, and if you desaturate by 10%, it is **38, 57.544, 134.884**.

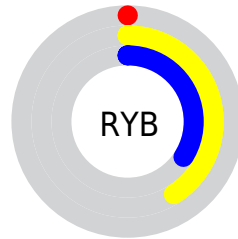
Distribution



Red (7%)

Green (41%)

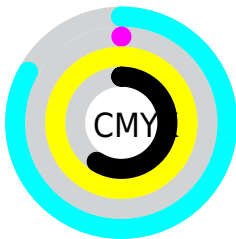
Blue (0%)



Red (0%)

Yellow (41%)

Blue (34%)

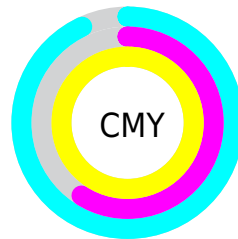


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (93%)


Magenta (59%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 60.769, 134.569 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, 134.569 by changing the saturation by 10% instead.


 38, 60.769,
134.569


 38, 60.769,
134.569

 100, 60.769,
134.569


 28, 60.769,
134.569

 58, 60.769,
134.569


 18, 60.769,
134.569


 68, 60.769,
134.569

 8, 60.769, 134.569

 78, 60.769,
134.569

 0, 60.769, 134.569

 88, 60.769,
134.569

 98, 60.769,
134.569

■ 38, 60.769,
134.569

■ 38, 60.769,
134.569

■ 38, 60.881,
134.549

■ 38, 57.544,
134.884

■ 39, 53.557,
135.150

■ 39, 48.430,
135.660

■ 39, 42.443,
136.307

■ 40, 35.854,
137.001

■ 41, 28.873,
137.683

■ 41, 21.663,
138.321

■ 42, 14.346,

138.900

■ 43, 7.017, 139.421

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, 134.569



20, 60.585, 322.248

Rectangle

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



38, 60.769, 134.569



38, 60.769, 184.569



38, 60.769, 314.569



38, 60.769, 4.569

Sweetspot

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



38, 60.769, 134.570



53, 27.107, 138.249



37, 45.128, 91.458



27, 18.626, 138.055



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, 134.570



49, 73.521, 134.807



38, 52.084, 143.472



21, 4.005, 139.459



42, 65.230, 134.654



84, 113.883, 135.161

Inverse Universe

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



20, 60.585, 322.248



27, 73.089, 322.086



22, 47.311, 346.035



20, 4.023, 320.192



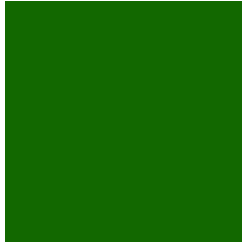
23, 64.955, 322.183



51, 112.785, 321.834

Previews

White Background



This preview shows how the CIELCh color 38, 60.769, 134.569 looks on a white background.

Color Contrast Check

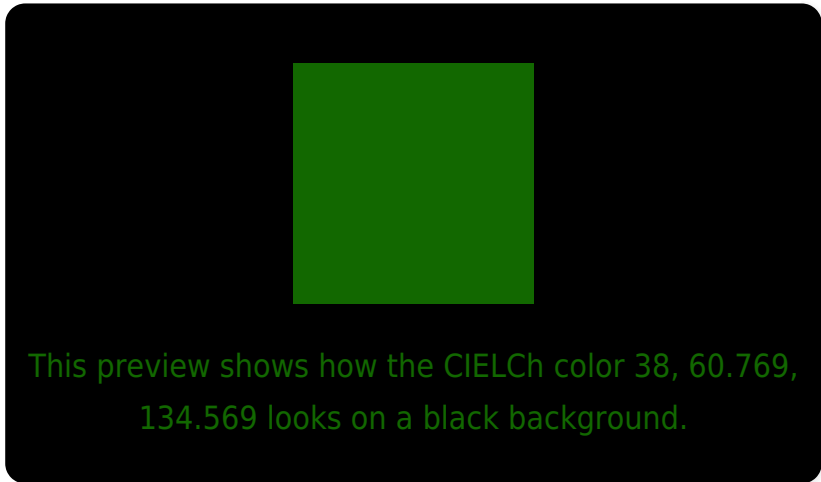
Large Text (above 18pt) WCAG AA ✓ Pass

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

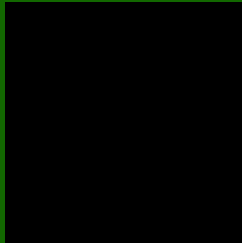
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 60.769, 134.569

Background



This preview shows how black text looks on a background with the CIELCh color 38, 60.769, 134.569.



This preview shows how white text looks on a background with the CIELCh color 38, 60.769, 134.569.

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, 60.678, 134.455

Protanopia
38, 45.686, 95.777

Deuteranopia
38, 38.563, 83.143



Tritanopia
38, 17.539, 213.892

Trichromacy



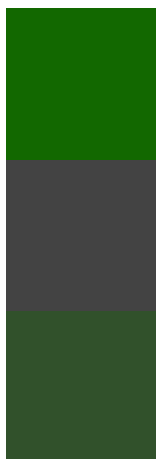
Original Color
38, 60.678, 134.455

Protanomaly
37, 48.735, 116.686

Deuteranomaly
37, 42.314, 112.905

Tritanomaly
38, 31.645, 156.114

Monochromacy



Original Color
38, 60.678, 134.455

Achromatopsia
28, 0.004, 296.813

Achromatomaly
31, 27.668, 137.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 60.769, 134.569 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(18, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(18, 104, 0)  
}
```

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(18, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 104, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 60.769, 134.569 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(18, 104, 0) }
```

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

```
.border{ border-color:rgb(18, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(18, 104, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 60.769, 134.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 104, 0) }
```

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

```
.background{ background-color: rgb(18, 104,  
0) }
```

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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