

Converting Colors

CIELCh(35, 70.568, 127.143)

Have a look what the booklet for
CIELCh(35, 70.568, 127.143)
contains.

CIELCh(35, 57.791, 134.467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 57.791, 134.467)

Conversions

Conversions Part 1

Format	Color
Hex	0F6000
RGB	15, 96, 0
RGB Percent	6%, 38%, 0%
CMY	0.9430, 0.6227, 1.0000
CMYK	0.85, 0.00, 1.00, 0.62
HSL	111°, 100%, 19%
HSV	111°, 100%, 38%
XYZ	4.3863, 8.4984, 1.3851
YIQ	60.8370, -17.4600, -47.0280

Conversions

Conversions Part 2

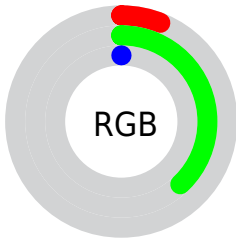
Format	Color
RYB	0, 96, 81
Decimal	1007616
CIELab	35.00, -40.48, 41.24
CIELCh	35, 57.791, 134.467
Yxy	8.4984, 0.3074, 0.5956
Android (android.graphics.Color)	4279197696 (0xFF0F6000)
YUV	60.8370, -29.9926, -40.1990
Hunter-Lab	29.1520, -24.1584, 17.5893

Details

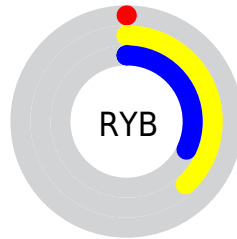
The CIELCh color **35, 57.791, 134.467** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **18, 57.239, 322.792**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 57.915, 134.549**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 57.571, 134.618**, and if you desaturate by 10%, it is **35, 54.347, 135.106**.

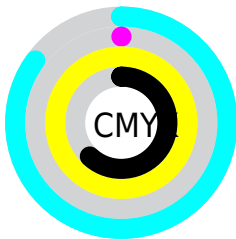
Distribution



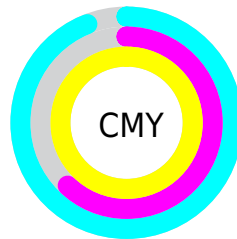
- Red (6%)
- Green (38%)
- Blue (0%)



- Red (0%)
- Yellow (38%)
- Blue (32%)



- Cyan (85%)
- Magenta (0%)
- Yellow (100%)
- Black (62%)





- Cyan (94%)
- Magenta (62%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 57.791, 134.467 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 35, 57.791, 134.467 by changing the saturation by 10% instead.


 35, 57.791,
134.467


 35, 57.791,
134.467

 100, 57.791,
134.467


 25, 57.791,
134.467

 55, 57.791,
134.467


 15, 57.791,
134.467


 65, 57.791,
134.467

 5, 57.791, 134.467

 75, 57.791,
134.467

 0, 57.791, 134.467

 85, 57.791,
134.467

 95, 57.791,
134.467

■ 35, 57.791,
134.467

■ 35, 57.791,
134.467

■ 35, 57.571,
134.618

■ 35, 54.347,
135.106

■ 35, 50.573,
135.426

■ 36, 45.744,
135.977

■ 36, 40.116,
136.651

■ 37, 33.927,
137.364

■ 37, 27.369,
138.059

■ 38, 20.595,
138.706

■ 39, 13.720,

139.292

■ 40, 6.832, 139.818

Harmonies

Complementary

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



35, 57.791, 134.467



18, 57.239, 322.792

Rectangle

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



35, 57.791, 134.467



35, 57.791, 184.467



35, 57.791, 314.467



35, 57.791, 4.467

Sweetspot

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



35, 57.571, 134.618



49, 25.535, 138.650



35, 42.769, 91.551



25, 17.547, 138.467



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 57.571, 134.618



45, 69.547, 134.890



35, 49.068, 143.651



20, 3.852, 139.874



41, 64.308, 134.788



83, 113.159, 135.283

Inverse Universe

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



18, 57.239, 322.792



25, 68.934, 322.634



20, 44.844, 345.855



18, 3.868, 320.609



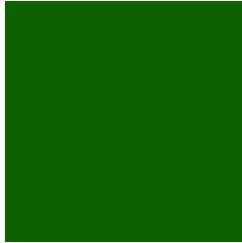
22, 63.814, 322.695



51, 111.678, 322.363

Previews

White Background



This preview shows how the CIELCh color 35, 57.791, 134.467 looks on a white background.

Color Contrast Check

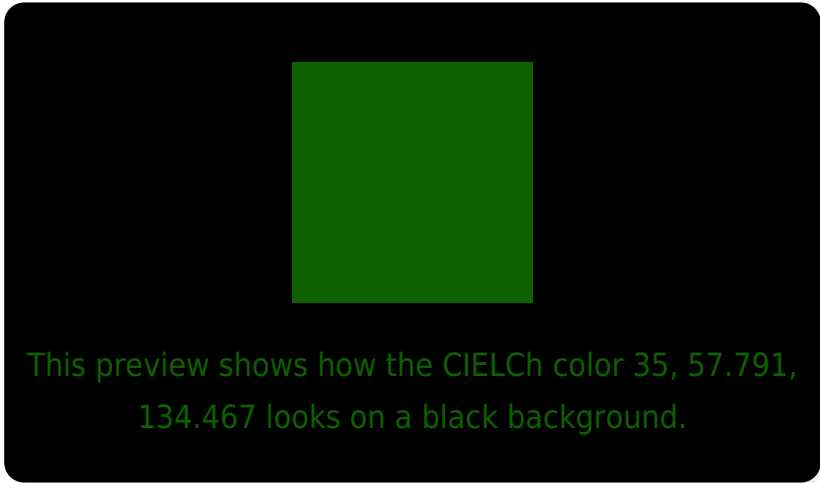
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

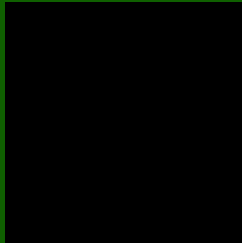
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 57.791, 134.467

Background



This preview shows how black text looks on a background with the CIELCh color 35, 57.791, 134.467.



This preview shows how white text looks on a background with the CIELCh color 35, 57.791, 134.467.

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](#).

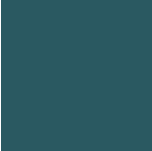
Dichromacy



Original Color
35, 57.441, 134.557

Protanopia
35, 43.191, 95.955

Deuteranopia
35, 36.305, 82.368



Tritanopia
35, 16.479, 215.283

Trichromacy



Original Color
35, 57.441, 134.557

Protanomaly
34, 46.419, 117.533

Deuteranomaly
34, 40.177, 113.525

Tritanomaly
35, 29.647, 156.826

Monochromacy



Original Color
35, 57.441, 134.557

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 26.003, 137.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 57.791, 134.467 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(15, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 96, 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(15, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 96, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 57.791, 134.467 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(15, 96, 0) }
```

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

```
.border{ border-color:rgb(15, 96, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 96, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 96, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 96, 0); box-shadow:4px  
4px 4px 4px rgb(15, 96, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 57.791, 134.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 96, 0) }
```

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

```
.background{ background-color: rgb(15, 96,  
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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