

Converting Colors

CIELCh(35, 57.153, 134.168)

Have a look what the booklet for
CIELCh(35, 57.153, 134.168)
contains.

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Color

CIELCh(35, 57.153, 134.168)

Conversions

Conversions Part 1

Format	Color
Hex	126000
RGB	18, 96, 0
RGB Percent	7%, 38%, 0%
CMY	0.9293, 0.6234, 0.9999
CMYK	0.81, 0.00, 1.00, 0.62
HSL	109°, 100%, 19%
HSV	109°, 100%, 38%
XYZ	4.4349, 8.4984, 1.4072
YIQ	61.7340, -15.6720, -46.3920

Conversions

Conversions Part 2

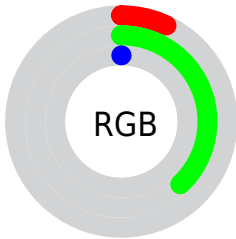
Format	Color
RYB	0, 96, 78
Decimal	1204224
CIELab	35.00, -39.82, 41.00
CIELCh	35, 57.153, 134.168
Yxy	8.4984, 0.3093, 0.5926
Android (android.graphics.Color)	4279394304 (0xFF126000)
YUV	61.7340, -30.4349, -38.3547
Hunter-Lab	29.1520, -23.8607, 17.5443

Details

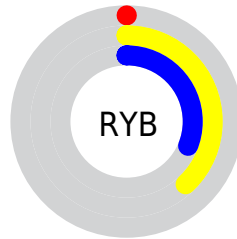
The CIELCh color **35, 57.153, 134.168** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **18, 57.403, 321.552**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 57.561, 134.019**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 57.162, 134.167**, and if you desaturate by 10%, it is **35, 53.864, 134.536**.

Distribution



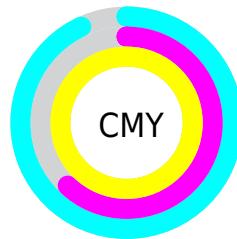
- Red (7%)
- Green (38%)
- Blue (0%)



- Red (0%)
- Yellow (38%)
- Blue (31%)



- Cyan (81%)
- Magenta (0%)
- Yellow (100%)
- Black (62%)




- Cyan (93%)
- Magenta (62%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 57.153, 134.168 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, 57.153, 134.168 by changing the saturation by 10% instead.


 35, 57.153,
134.168


 35, 57.153,
134.168

 100, 57.153,
134.168


 25, 57.153,
134.168

 55, 57.153,
134.168


 15, 57.153,
134.168


 65, 57.153,
134.168

 5, 57.153, 134.168

 75, 57.153,
134.168

 0, 57.153, 134.168

 85, 57.153,
134.168

 95, 57.153,
134.168

■ 35, 57.153,
134.168

■ 35, 57.153,
134.168

■ 35, 57.162,
134.167

■ 35, 53.864,
134.536

■ 36, 50.057,
134.751

■ 36, 45.225,
135.209

■ 36, 39.625,
135.806

■ 37, 33.487,
136.455

■ 37, 27.001,
137.100

■ 38, 20.310,
137.708

■ 39, 13.525,

138.264

■ 40, 6.726, 138.767

Harmonies

Complementary

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



35, 57.153, 134.168



18, 57.403, 321.552

Rectangle

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



35, 57.153, 134.168



35, 57.153, 184.168



35, 57.153, 314.168



35, 57.153, 4.168

Sweetspot

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



35, 57.153, 134.169



49, 25.243, 137.653



34, 42.026, 88.932



25, 17.347, 137.480



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, 57.153, 134.169



45, 69.173, 134.479



35, 50.242, 142.538



20, 3.809, 138.819



41, 63.952, 134.363



83, 112.641, 134.939

Inverse Universe

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



18, 57.403, 321.552



25, 69.248, 321.361



20, 45.688, 343.548



18, 3.828, 319.528



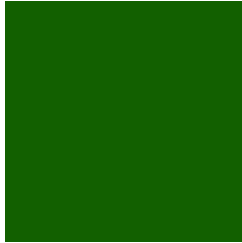
22, 64.099, 321.434



49, 112.229, 321.033

Previews

White Background



This preview shows how the CIELCh color 35, 57.153, 134.168 looks on a white background.

Color Contrast Check

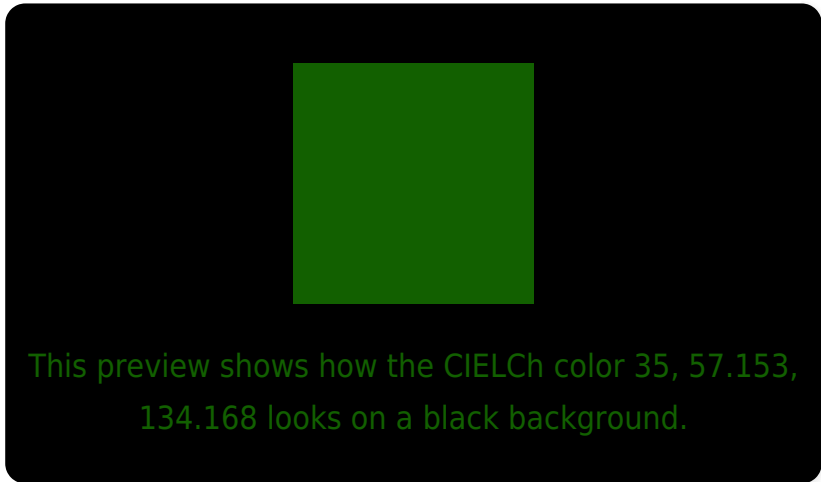
Large Text (above 18pt) WCAG AA ✓ Pass

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

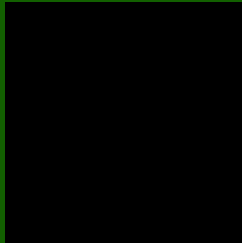
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 57.153, 134.168

Background



This preview shows how black text looks on a background with the CIELCh color 35, 57.153, 134.168.



This preview shows how white text looks on a background with the CIELCh color 35, 57.153, 134.168.

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, 57.153, 134.168

Protanopia
35, 43.191, 95.955

Deuteranopia
35, 36.086, 83.114



Tritanopia
35, 16.182, 213.285

Trichromacy



Original Color
35, 57.153, 134.168

Protanomaly
34, 46.156, 116.431

Deuteranomaly
34, 40.084, 112.842

Tritanomaly
35, 29.696, 155.425

Monochromacy



Original Color
35, 57.153, 134.168

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 25.550, 136.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 57.153, 134.168 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, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(18, 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(18, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 96, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 57.153, 134.168 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, 96, 0) }
```

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

```
.border{ border-color:rgb(18, 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(18, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 96, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 96, 0); box-shadow:4px  
4px 4px 4px rgb(18, 96, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 57.153, 134.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 96, 0) }
```

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

```
.background{ background-color: rgb(18, 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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