

Converting Colors

CIELCh(35, 51.798, 141.483)

Have a look what the booklet for
CIELCh(35, 51.798, 141.483)
contains.

CIELCh(35, 51.655, 141.320)	3
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Color

CIELCh(35, 51.655, 141.320)

Conversions

Conversions Part 1

Format	Color
Hex	016019
RGB	1, 96, 25
RGB Percent	0%, 38%, 10%
CMY	0.9976, 0.6223, 0.9008
CMYK	0.99, 0.00, 0.74, 0.62
HSL	135°, 99%, 19%
HSV	135°, 99%, 38%
XYZ	4.3979, 8.4984, 2.3454
YIQ	59.5010, -33.8290, -42.2210

Conversions

Conversions Part 2

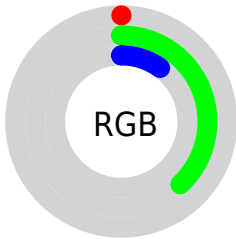
Format	Color
RYB	1, 77, 96
Decimal	90137
CIELab	35.00, -40.32, 32.28
CIELCh	35, 51.655, 141.320
Yxy	8.4984, 0.2885, 0.5576
Android (android.graphics.Color)	4278280217 (0xFF016019)
YUV	59.5010, -17.0090, -51.3054
Hunter-Lab	29.1520, -24.0873, 15.6362

Details

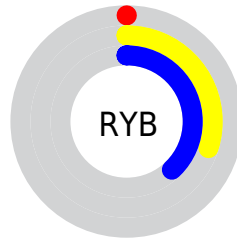
The CIELCh color **35, 51.655, 141.320** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20, 46.917, 340.775**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 51.700, 141.422**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 51.867, 141.241**, and if you desaturate by 10%, it is **35, 48.170, 142.795**.

Distribution



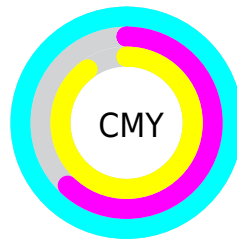
- Red (0%)
- Green (38%)
- Blue (10%)



- Red (0%)
- Yellow (30%)
- Blue (38%)



- Cyan (99%)
- Magenta (0%)
- Yellow (74%)
- Black (62%)





- Cyan (100%)
- Magenta (62%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 51.655, 141.320 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, 51.655, 141.320 by changing the saturation by 10% instead.


 35, 51.655,
141.320


 35, 51.655,
141.320

 100, 51.655,
141.320


 25, 51.655,
141.320

 55, 51.655,
141.320


 15, 51.655,
141.320


 65, 51.655,
141.320

 5, 51.655, 141.320

 75, 51.655,
141.320

 0, 51.655, 141.320

 85, 51.655,
141.320

 95, 51.655,
141.320

■ 35, 51.655,
141.320

■ 35, 51.655,
141.320

■ 35, 51.867,
141.241

■ 35, 48.170,
142.795

■ 35, 44.225,
144.433

■ 36, 39.695,
145.949

■ 36, 34.667,
147.317

■ 37, 29.242,
148.532

■ 37, 23.526,
149.600

■ 38, 17.620,
150.535

■ 39, 11.618,

151.356

■ 40, 5.596, 152.086

Harmonies

Complementary

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



35, 51.655, 141.320



20, 46.917, 340.775

Rectangle

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



35, 51.655, 141.320



35, 51.655, 191.320



35, 51.655, 321.320



35, 51.655, 11.320

Sweetspot

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



35, 51.655, 141.320



49, 22.295, 150.399



38, 48.985, 116.569



25, 15.317, 150.135



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, 51.655, 141.320



45, 63.286, 140.619



36, 31.747, 167.564



19, 3.368, 152.120



41, 58.275, 140.856



83, 104.823, 139.631

Inverse Universe

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



20, 46.917, 340.775



27, 56.290, 341.329



18, 42.845, 21.273



18, 3.382, 333.145



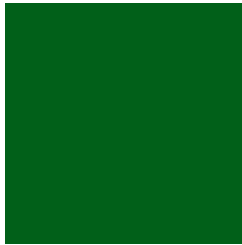
24, 52.223, 341.140



54, 90.316, 342.191

Previews

White Background



This preview shows how the CIELCh color 35, 51.655, 141.320 looks on a white background.

Color Contrast Check

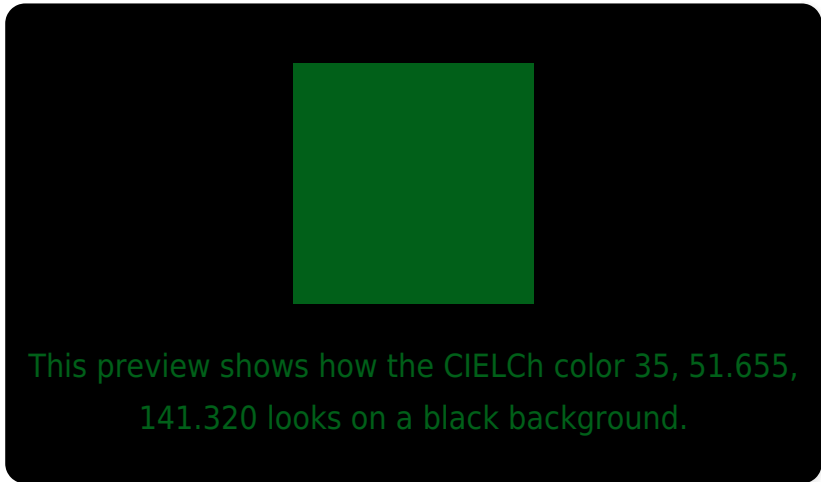
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.655, 141.320

Background



This preview shows how black text looks on a background with the CIELCh color 35, 51.655, 141.320.



This preview shows how white text looks on a background with the CIELCh color 35, 51.655, 141.320.

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, 51.576, 141.225

Protanopia
35, 35.554, 95.844

Deuteranopia
35, 30.955, 80.725



Tritanopia
35, 17.140, 212.253

Trichromacy



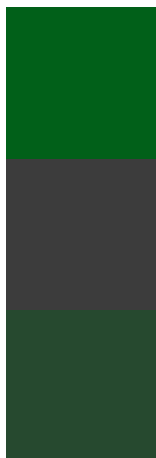
Original Color
35, 51.576, 141.225

Protanomaly
34, 39.689, 124.360

Deuteranomaly
33, 33.691, 120.534

Tritanomaly
35, 26.964, 166.816

Monochromacy



Original Color
35, 51.576, 141.225

Achromatopsia
25, 0.004, 296.813

Achromatomaly
28, 22.668, 148.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 51.655, 141.320 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, 96, 25)` looks like.

```
.text, #text, p{  
    color:rgb(1, 96, 25)  
}
```

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, 96, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 96, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 51.655, 141.320 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, 96, 25) }
```

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

```
.border{ border-color:rgb(1, 96, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 96, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 96, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 96, 25); box-shadow:4px  
4px 4px 4px rgb(1, 96, 25) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 51.655, 141.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 96, 25) }
```

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

```
.background{ background-color: rgb(1, 96,  
25) }
```

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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