

Converting Colors

CIELCh(35, 53.291, 140.029)

Have a look what the booklet for
CIELCh(35, 53.291, 140.029)
contains.

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Color

CIELCh(35, 53.038, 140.180)

Conversions

Conversions Part 1

Format	Color
Hex	016015
RGB	1, 96, 21
RGB Percent	0%, 38%, 8%
CMY	0.9970, 0.6220, 0.9161
CMYK	0.99, 0.00, 0.78, 0.62
HSL	133°, 98%, 19%
HSV	133°, 99%, 38%
XYZ	4.3677, 8.4984, 2.1392
YIQ	59.0450, -32.5450, -43.4650

Conversions

Conversions Part 2

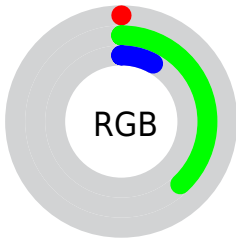
Format	Color
R_{YB}	1, 79, 96
Decimal	90133
CIE _{Lab}	35.00, -40.74, 33.96
CIE _{LCh}	35, 53.038, 140.180
Yxy	8.4984, 0.2911, 0.5664
Android (android.graphics.Color)	4278280213 (0xFF016015)
YUV	59.0450, -18.7562, -50.9055
Hunter-Lab	29.1520, -24.2723, 16.0557

Details

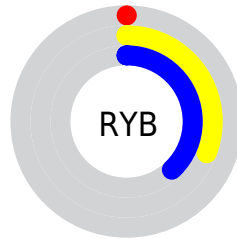
The CIELCh color **35, 53.038, 140.180** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20, 48.280, 338.243**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 53.223, 139.892**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 53.300, 140.091**, and if you desaturate by 10%, it is **35, 49.575, 141.546**.

Distribution



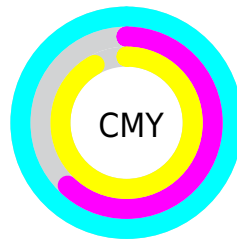
- Red (0%)
- Green (38%)
- Blue (8%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (78%)
- Black (62%)





- Cyan (100%)
- Magenta (62%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 53.038, 140.180 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, 53.038, 140.180 by changing the saturation by 10% instead.


 35, 53.038,
140.180


 35, 53.038,
140.180

 100, 53.038,
140.180


 25, 53.038,
140.180

 55, 53.038,
140.180


 15, 53.038,
140.180


 65, 53.038,
140.180

 5, 53.038, 140.180

 75, 53.038,
140.180

 0, 53.038, 140.180

 85, 53.038,
140.180

 95, 53.038,
140.180

■ 35, 53.038,
140.180

■ 35, 53.038,
140.180

■ 35, 53.300,
140.091

■ 35, 49.575,
141.546

■ 35, 45.565,
143.104

■ 36, 40.913,
144.567

■ 36, 35.725,
145.899

■ 37, 30.115,
147.087

■ 37, 24.202,
148.132

■ 38, 18.094,
149.047

■ 39, 11.890,

149.847

■ 40, 5.671, 150.556

Harmonies

Complementary

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



35, 53.038, 140.180



20, 48.280, 338.243

Rectangle

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



35, 53.038, 140.180



35, 53.038, 190.180



35, 53.038, 320.180



35, 53.038, 10.180

Sweetspot

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



35, 53.038, 140.181



49, 23.011, 148.900



38, 48.405, 114.029



25, 15.810, 148.641



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, 53.038, 140.181



45, 64.933, 139.518



36, 33.690, 163.464



19, 3.474, 150.577



41, 59.814, 139.737



83, 107.346, 138.624

Inverse Universe

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



20, 48.280, 338.243



27, 57.970, 338.688



18, 41.987, 16.891



18, 3.485, 331.569



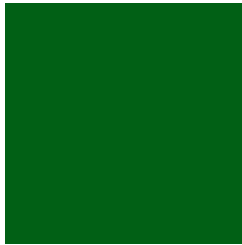
24, 53.769, 338.541



54, 93.107, 339.351

Previews

White Background



This preview shows how the CIELCh color 35, 53.038, 140.180 looks on a white background.

Color Contrast Check

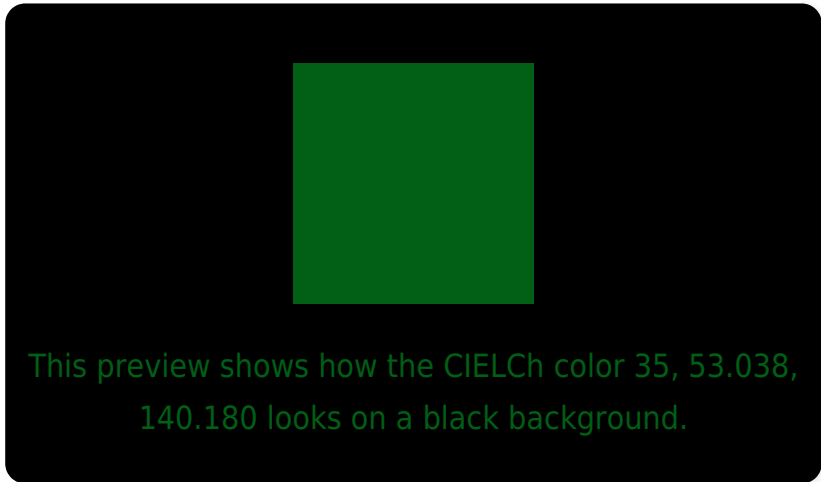
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.038, 140.180

Background



This preview shows how black text looks on a background with the CIELCh color 35, 53.038, 140.180.



This preview shows how white text looks on a background with the CIELCh color 35, 53.038, 140.180.

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, 52.959, 140.085

Protanopia
35, 37.220, 95.907

Deuteranopia
35, 32.431, 81.517



Tritanopia
35, 17.140, 212.253

Trichromacy



Original Color
35, 52.959, 140.085

Protanomaly
34, 41.260, 123.388

Deuteranomaly
33, 35.569, 119.451

Tritanomaly
35, 27.362, 165.755

Monochromacy



Original Color
35, 52.959, 140.085

Achromatopsia
25, 0.004, 296.813

Achromatomaly
28, 23.662, 146.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 53.038, 140.180 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, 21)` looks like.

```
.text, #text, p{  
    color:rgb(1, 96, 21)  
}
```

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, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 96, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 53.038, 140.180 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, 21) }
```

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

```
.border{ border-color:rgb(1, 96, 21) }
```

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, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 96, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 96, 21); box-shadow:4px  
4px 4px 4px rgb(1, 96, 21) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 53.038, 140.180 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, 21) }
```

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

```
.background{ background-color: rgb(1, 96,  
21) }
```

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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