

Converting Colors

CIELCh(34, 52.486, 136.441)

Have a look what the booklet for
CIELCh(34, 52.486, 136.441)
contains.

CIELCh(34, 52.479, 136.460)	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(34, 52.479, 136.460)

Conversions

Conversions Part 1

Format	Color
Hex	125D0D
RGB	18, 93, 13
RGB Percent	7%, 36%, 5%
CMY	0.9287, 0.6348, 0.9485
CMYK	0.80, 0.00, 0.86, 0.63
HSL	116°, 75%, 21%
HSV	116°, 86%, 37%
XYZ	4.2505, 8.0082, 1.7070
YIQ	61.4550, -19.0200, -40.7800

Conversions

Conversions Part 2

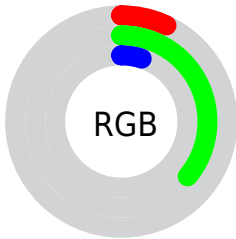
Format	Color
RYB	13, 93, 88
Decimal	1203469
CIELab	34.00, -38.04, 36.15
CIELCh	34, 52.479, 136.460
Yxy	8.0082, 0.3044, 0.5734
Android (android.graphics.Color)	4279393549 (0xFF125D0D)
YUV	61.4550, -23.8883, -38.1100
Hunter-Lab	28.2988, -22.7118, 16.2327

Details

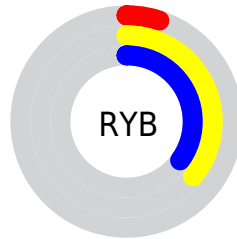
The CIELCh color **34, 52.479, 136.460** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21, 51.601, 325.862**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 52.362, 136.526**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 55.607, 135.809**, and if you desaturate by 10%, it is **34, 48.416, 137.166**.

Distribution



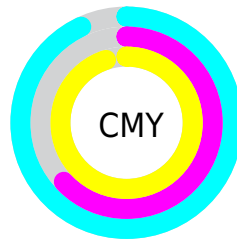
- Red (7%)
- Green (36%)
- Blue (5%)



- Red (5%)
- Yellow (36%)
- Blue (35%)



- Cyan (80%)
- Magenta (0%)
- Yellow (86%)
- Black (63%)





- Cyan (93%)
- Magenta (63%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 52.479, 136.460 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 34, 52.479, 136.460 by changing the saturation by 10% instead.

 34, 52.479,
136.460

 34, 52.479,
136.460

 100, 52.479,
136.460

 24, 52.479,
136.460

 54, 52.479,
136.460

 14, 52.479,
136.460

 64, 52.479,
136.460

 4, 52.479, 136.460

 74, 52.479,
136.460

 0, 52.479, 136.460

 84, 52.479,
136.460

 94, 52.479,
136.460

■ 34, 52.479,
136.460

■ 34, 52.479,
136.460

■ 34, 55.607,
135.809

■ 34, 48.416,
137.166

■ 34, 56.893,
135.436

■ 35, 43.366,
138.015

■ 35, 37.577,
138.908

■ 36, 31.270,
139.774

■ 36, 24.629,
140.574

■ 37, 17.801,
141.291

■ 38, 10.901,
141.925

■ 39, 4.016, 142.492

Harmonies

Complementary

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



34, 52.479, 136.460



21, 51.601, 325.862

Rectangle

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



34, 52.479, 136.460



34, 52.479, 186.460



34, 52.479, 316.460



34, 52.479, 6.460

Sweetspot

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



34, 52.479, 136.461



47, 22.006, 141.231



37, 40.675, 99.643



24, 15.034, 141.076



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 52.479, 136.461



43, 68.124, 135.579



34, 39.494, 150.162



18, 3.784, 142.329



40, 63.898, 135.532



82, 113.065, 135.816

Inverse Universe

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



21, 51.601, 325.862



26, 66.348, 325.858



20, 39.114, 350.214



17, 3.794, 323.133



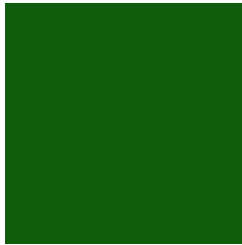
24, 62.269, 325.880



54, 109.788, 325.730

Previews

White Background



This preview shows how the CIELCh color 34, 52.479, 136.460 looks on a white background.

Color Contrast Check

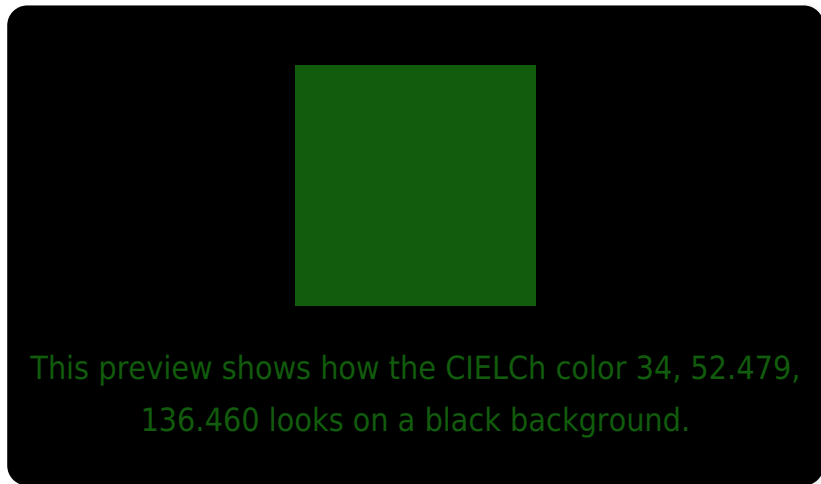
Large Text (above 18pt) WCAG AA ✓ Pass

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

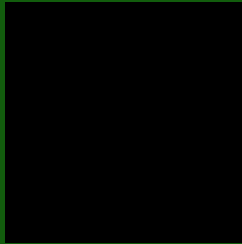
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 52.479, 136.460

Background



This preview shows how black text looks on a background with the CIELCh color 34, 52.479, 136.460.



This preview shows how white text looks on a background with the CIELCh color 34, 52.479, 136.460.

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

34, 52.479, 136.460

Protanopia

34, 39.122, 95.726

Deuteranopia

34, 34.144, 82.986



Tritanopia
34, 15.911, 213.634

Trichromacy



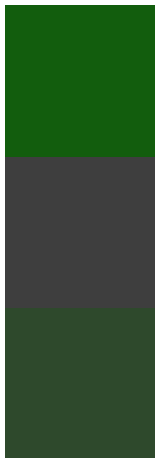
Original Color
34, 52.479, 136.460

Protanomaly
33, 41.615, 117.792

Deuteranomaly
33, 36.505, 113.409

Tritanomaly
34, 26.255, 161.095

Monochromacy



Original Color
34, 52.479, 136.460

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 22.211, 140.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 52.479, 136.460 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, 93, 13)` looks like.

```
.text, #text, p{  
    color:rgb(18, 93, 13)  
}
```

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, 93, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 93, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 52.479, 136.460 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, 93, 13) }
```

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

```
.border{ border-color:rgb(18, 93, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 93, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 93, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 93, 13);  
box-shadow:4px 4px 4px 4px rgb(18, 93, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 52.479, 136.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 93, 13) }
```

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

```
.background{ background-color: rgb(18, 93,  
13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor