

Converting Colors

CIELCh(34, 73.030, 124.622)

Have a look what the booklet for
CIELCh(34, 73.030, 124.622)
contains.

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Color

CIELCh(34, 56.045, 133.782)

Conversions

Conversions Part 1

Format	Color
Hex	135D00
RGB	19, 93, 0
RGB Percent	7%, 36%, 0%
CMY	0.9261, 0.6343, 1.0000
CMYK	0.80, 0.00, 1.00, 0.63
HSL	108°, 100%, 18%
HSV	108°, 100%, 37%
XYZ	4.1978, 8.0082, 1.3028
YIQ	60.2720, -14.2510, -44.6110

Conversions

Conversions Part 2

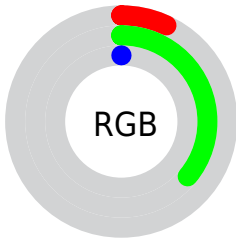
Format	Color
RYB	0, 93, 74
Decimal	1268992
CIELab	34.00, -38.78, 40.46
CIELCh	34, 56.045, 133.782
Yxy	8.0082, 0.3107, 0.5928
Android (android.graphics.Color)	4279459072 (0xFF135D00)
YUV	60.2720, -29.7141, -36.1955
Hunter-Lab	28.2988, -23.0443, 17.0797

Details

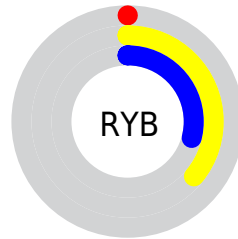
The CIELCh color **34, 56.045, 133.782** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **17, 56.353, 321.094**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 55.507, 134.082**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 55.837, 133.926**, and if you desaturate by 10%, it is **34, 52.518, 134.290**.

Distribution



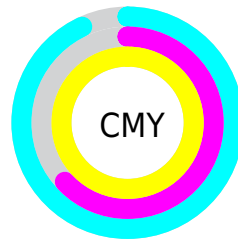
- Red (7%)
- Green (36%)
- Blue (0%)



- Red (0%)
- Yellow (36%)
- Blue (29%)



- Cyan (80%)
- Magenta (0%)
- Yellow (100%)
- Black (63%)





- Cyan (93%)
- Magenta (63%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 56.045, 133.782 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, 56.045, 133.782 by changing the saturation by 10% instead.


 34, 56.045,
133.782


 34, 56.045,
133.782

 100, 56.045,
133.782

 24, 56.045,
133.782

 54, 56.045,
133.782

 14, 56.045,
133.782

 64, 56.045,
133.782

 4, 56.045, 133.782

 74, 56.045,
133.782

 0, 56.045, 133.782

 84, 56.045,
133.782

 94, 56.045,
133.782

■ 34, 56.045,
133.782

■ 34, 56.045,
133.782

■ 34, 55.837,
133.926

■ 34, 52.518,
134.290

■ 35, 48.756,
134.474

■ 35, 44.019,
134.901

■ 35, 38.549,
135.468

■ 36, 32.569,
136.092

■ 36, 26.258,
136.716

■ 37, 19.754,
137.307

■ 38, 13.160,

137.850

■ 39, 6.555, 138.342

Harmonies

Complementary

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



34, 56.045, 133.782



17, 56.353, 321.094

Rectangle

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



34, 56.045, 133.782



34, 56.045, 183.782



34, 56.045, 313.782



34, 56.045, 3.782

Sweetspot

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



34, 55.837, 133.926



48, 24.708, 137.252



32, 40.906, 87.643



24, 16.690, 137.094



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, 55.837, 133.926



45, 67.975, 134.273



34, 49.735, 142.091



18, 3.622, 138.399



40, 62.741, 134.146



83, 111.494, 134.775

Inverse Universe

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



17, 56.353, 321.094



24, 68.360, 320.880



19, 45.276, 342.382



17, 3.642, 319.089



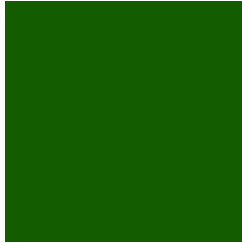
21, 63.178, 320.961



48, 111.561, 320.522

Previews

White Background



This preview shows how the CIELCh color 34, 56.045, 133.782 looks on a white background.

Color Contrast Check

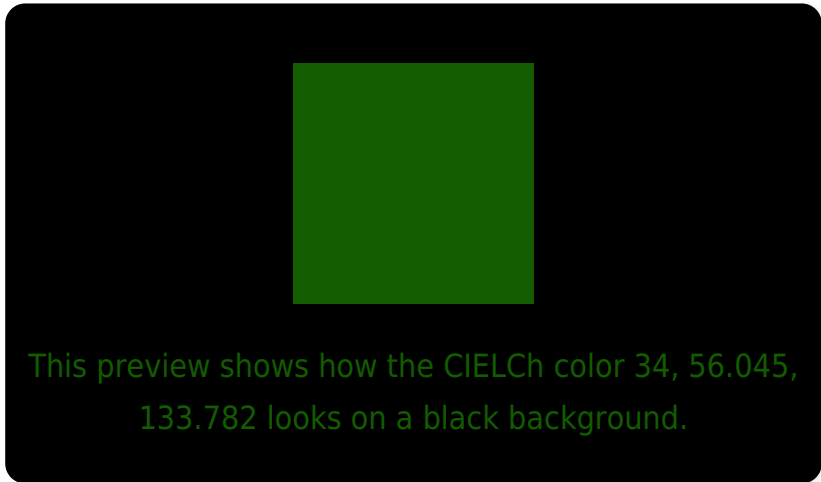
Large Text (above 18pt) WCAG AA ✓ Pass

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

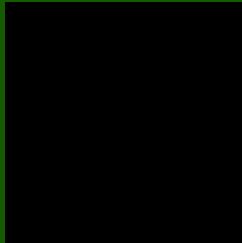
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 56.045, 133.782

Background



This preview shows how black text looks on a background with the CIELCh color 34, 56.045, 133.782.



This preview shows how white text looks on a background with the CIELCh color 34, 56.045, 133.782.

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, 55.705, 133.890

Protanopia

34, 42.142, 95.736

Deuteranopia

34, 35.677, 82.738



Tritanopia
34, 15.664, 213.923

Trichromacy



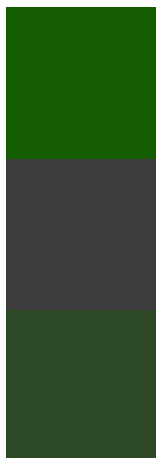
Original Color
34, 55.705, 133.890

Protanomaly
33, 45.022, 116.227

Deuteranomaly
33, 38.695, 111.797

Tritanomaly
34, 28.236, 155.993

Monochromacy



Original Color
34, 55.705, 133.890

Achromatopsia
25, 0.004, 296.813

Achromatomaly
28, 24.895, 136.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 56.045, 133.782 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(19, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(19, 93, 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(19, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 93, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 56.045, 133.782 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(19, 93, 0) }
```

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

```
.border{ border-color:rgb(19, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(19, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 93, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 93, 0); box-shadow:4px  
4px 4px 4px rgb(19, 93, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 56.045, 133.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 93, 0) }
```

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

```
.background{ background-color: rgb(19, 93,  
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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