

Converting Colors

CIELCh(34, 83.478, 120.624)

Have a look what the booklet for
CIELCh(34, 83.478, 120.624)
contains.

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Color

CIELCh(34, 56.647, 134.614)

Conversions

Conversions Part 1

Format	Color
Hex	0D5E00
RGB	13, 94, 0
RGB Percent	5%, 37%, 0%
CMY	0.9486, 0.6332, 1.0000
CMYK	0.86, 0.00, 1.00, 0.63
HSL	112°, 100%, 18%
HSV	112°, 100%, 37%
XYZ	4.1265, 8.0082, 1.3147
YIQ	59.0650, -18.1020, -46.4060

Conversions

Conversions Part 2

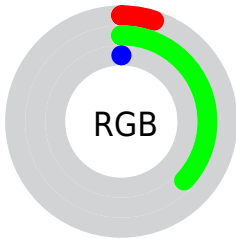
Format	Color
RYB	0, 94, 81
Decimal	876032
CIELab	34.00, -39.78, 40.32
CIELCh	34, 56.647, 134.614
Yxy	8.0082, 0.3068, 0.5954
Android (android.graphics.Color)	4279066112 (0xFF0D5E00)
YUV	59.0650, -29.1190, -40.3990
Hunter-Lab	28.2988, -23.4940, 17.0548

Details

The CIELCh color **34, 56.647, 134.614** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **18, 56.059, 323.188**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 56.426, 134.685**, and **16, 34.389, 139.895** is the 20% darker color. If you saturate the color by 10%, you get **34, 56.518, 134.704**, and if you desaturate by 10%, it is **34, 53.303, 135.269**.

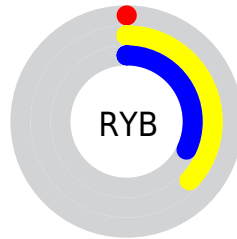
Distribution



Red (5%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (32%)

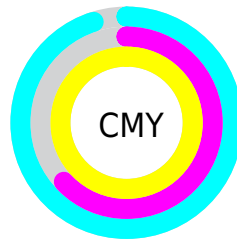


Cyan (86%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (95%)


Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 56.647, 134.614 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, 56.647, 134.614 by changing the saturation by 10% instead.


 34, 56.647,
134.614

 34, 56.647,
134.614

 100, 56.647,
134.614

 24, 56.647,
134.614

 54, 56.647,
134.614


 14, 56.647,
134.614


 64, 56.647,
134.614

 4, 56.647, 134.614

 74, 56.647,
134.614

 0, 56.647, 134.614

 84, 56.647,
134.614

 94, 56.647,
134.614

■ 34, 56.647,
134.614

■ 34, 56.647,
134.614

■ 34, 56.518,
134.704

■ 34, 53.303,
135.269

■ 34, 49.591,
135.632

■ 35, 44.852,
136.214

■ 35, 39.333,
136.912

■ 36, 33.264,
137.642

■ 36, 26.835,
138.350

■ 37, 20.193,
139.007

■ 38, 13.452,

139.600

■ 39, 6.698, 140.131

Harmonies

Complementary

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



34, 56.647, 134.614



18, 56.059, 323.188

Rectangle

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



34, 56.647, 134.614



34, 56.647, 184.614



34, 56.647, 314.614



34, 56.647, 4.614

Sweetspot

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



34, 56.518, 134.704



48, 25.194, 138.947



34, 42.321, 92.862



24, 17.018, 138.772



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, 56.518, 134.704



44, 68.607, 134.981



34, 47.393, 144.333



18, 3.692, 140.191



40, 63.342, 134.879



82, 112.376, 135.367

Inverse Universe

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



18, 56.059, 323.188



25, 67.834, 323.034



19, 43.591, 346.960



17, 3.707, 320.924



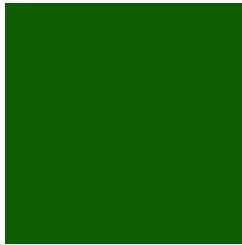
22, 62.701, 323.093



51, 110.629, 322.773

Previews

White Background



This preview shows how the CIELCh color 34, 56.647, 134.614 looks on a white background.

Color Contrast Check

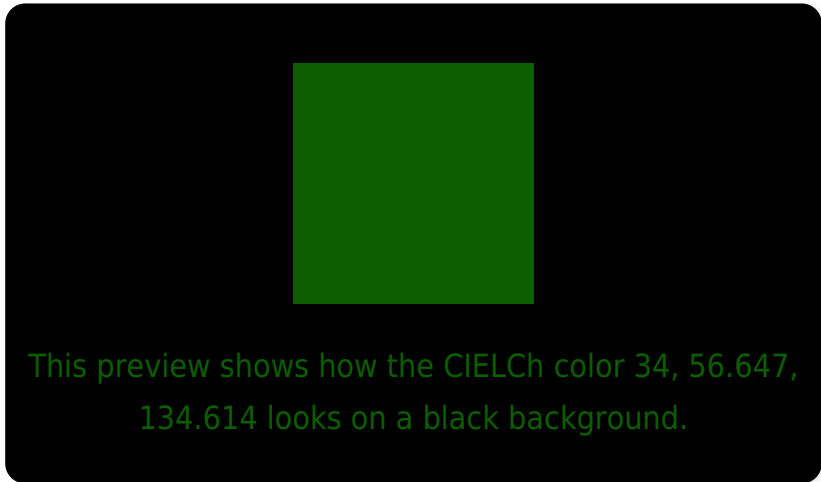
Large Text (above 18pt) WCAG AA ✓ Pass

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

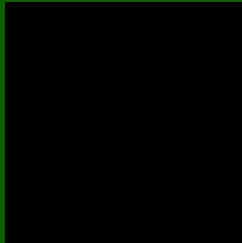
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 56.647, 134.614

Background



This preview shows how black text looks on a background with the CIELCh color 34, 56.647, 134.614.



This preview shows how white text looks on a background with the CIELCh color 34, 56.647, 134.614.

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, 56.734, 134.731

Protanopia

34, 42.142, 95.736

Deuteranopia

34, 35.677, 82.738



Tritanopia
34, 16.152, 213.358

Trichromacy



Original Color
34, 56.734, 134.731

Protanomaly
33, 45.284, 117.368

Deuteranomaly
33, 38.869, 113.229

Tritanomaly
33, 28.847, 156.876

Monochromacy



Original Color
34, 56.734, 134.731

Achromatopsia
25, 0.004, 296.813

Achromatomaly
27, 25.579, 138.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 56.647, 134.614 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(13, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 94, 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(13, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 94, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 56.647, 134.614 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(13, 94, 0) }
```

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

```
.border{ border-color:rgb(13, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 94, 0); box-shadow:4px  
4px 4px 4px rgb(13, 94, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 56.647, 134.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 94, 0) }
```

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

```
.background{ background-color: rgb(13, 94,  
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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