

Converting Colors

CIELCh(34, 56.001, 137.375)

Have a look what the booklet for
CIELCh(34, 56.001, 137.375)
contains.

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Color

CIELCh(34, 55.938, 137.314)

Conversions

Conversions Part 1

Format	Color
Hex	005E07
RGB	0, 94, 7
RGB Percent	0%, 37%, 3%
CMY	1.0000, 0.6316, 0.9728
CMYK	1.00, 0.00, 0.93, 0.63
HSL	124°, 100%, 18%
HSV	124°, 100%, 37%
XYZ	4.0333, 8.0082, 1.5319
YIQ	55.9760, -28.0970, -46.9850

Conversions

Conversions Part 2

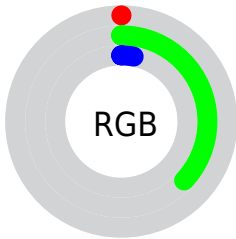
Format	Color
RYB	0, 87, 94
Decimal	24071
CIELab	34.00, -41.12, 37.92
CIELCh	34, 55.938, 137.314
Yxy	8.0082, 0.2971, 0.5900
Android (android.graphics.Color)	4278214151 (0xFF005E07)
YUV	55.9760, -24.1452, -49.0910
Hunter-Lab	28.2988, -24.0824, 16.5996

Details

The CIELCh color **34, 55.938, 137.314** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20, 52.736, 331.183**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 56.430, 137.271**, and **16, 34.389, 139.895** is the 20% darker color. If you saturate the color by 10%, you get **34, 55.928, 137.302**, and if you desaturate by 10%, it is **34, 52.981, 138.065**.

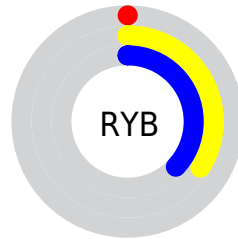
Distribution



Red (0%)

Green (37%)

Blue (3%)



Red (0%)

Yellow (34%)

Blue (37%)

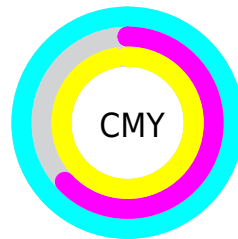


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (63%)



Cyan (100%)


Magenta (63%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 55.938, 137.314 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, 55.938, 137.314 by changing the saturation by 10% instead.


 34, 55.938,
137.314


 34, 55.938,
137.314

 100, 55.938,
137.314


 24, 55.938,
137.314

 54, 55.938,
137.314


 14, 55.938,
137.314


 64, 55.938,
137.314

 4, 55.938, 137.314

 74, 55.938,
137.314

 0, 55.938, 137.314

 84, 55.938,
137.314

 94, 55.938,
137.314

■ 34, 55.938,
137.314

■ 34, 55.938,
137.314

■ 34, 55.928,
137.302

■ 34, 52.981,
138.065

■ 34, 49.222,
139.213

■ 35, 44.536,
140.419

■ 35, 39.110,
141.595

■ 36, 33.130,
142.688

■ 36, 26.763,
143.670

■ 37, 20.155,
144.537

■ 38, 13.430,

145.293

■ 39, 6.685, 145.954

Harmonies

Complementary

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



34, 55.938, 137.314



20, 52.736, 331.183

Rectangle

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



34, 55.938, 137.314



34, 55.938, 187.314



34, 55.938, 317.314



34, 55.938, 7.314

Sweetspot

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



34, 55.928, 137.302



48, 25.057, 144.461



38, 46.820, 106.695



24, 16.923, 144.233



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, 55.928, 137.302



44, 67.970, 136.978



35, 38.681, 154.422



18, 3.671, 146.029



40, 62.648, 137.104



82, 112.069, 136.493

Inverse Universe

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



20, 52.736, 331.183



28, 63.485, 331.283



18, 40.688, 4.920



17, 3.679, 326.926



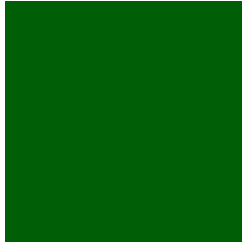
24, 58.731, 331.244



55, 103.150, 331.456

Previews

White Background



This preview shows how the CIELCh color 34, 55.938, 137.314 looks on a white background.

Color Contrast Check

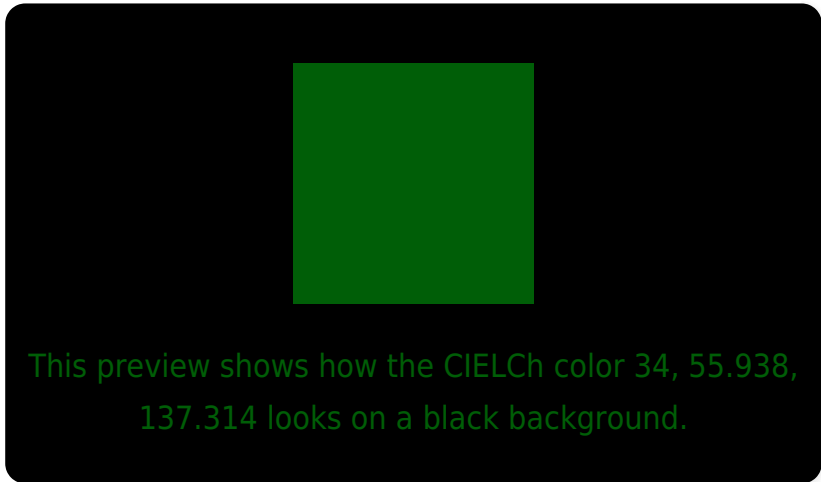
Large Text (above 18pt) WCAG AA ✓ Pass

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

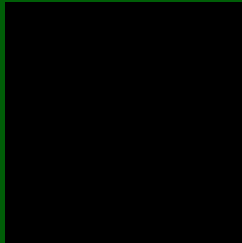
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 55.938, 137.314

Background



This preview shows how black text looks on a background with the CIELCh color 34, 55.938, 137.314.



This preview shows how white text looks on a background with the CIELCh color 34, 55.938, 137.314.

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, 55.938, 137.314

Protanopia

34, 42.217, 95.032

Deuteranopia

34, 35.249, 82.568



Tritanopia
34, 16.623, 212.842

Trichromacy



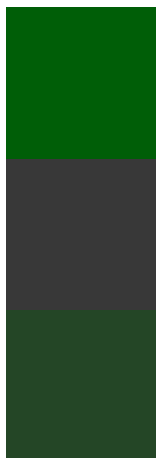
Original Color
34, 55.938, 137.314

Protanomaly
33, 44.882, 120.052

Deuteranomaly
33, 38.876, 117.689

Tritanomaly
34, 29.687, 159.546

Monochromacy



Original Color
34, 55.938, 137.314

Achromatopsia
24, 0.004, 296.813

Achromatomaly
26, 25.577, 142.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 55.938, 137.314 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(0, 94, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 7)  
}
```

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(0, 94, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 55.938, 137.314 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(0, 94, 7) }
```

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

```
.border{ border-color:rgb(0, 94, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 7); box-shadow:4px  
4px 4px 4px rgb(0, 94, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 55.938, 137.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 7) }
```

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

```
.background{ background-color: rgb(0, 94,  
7) }
```

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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