

Converting Colors

CIELCh(34, 50.644, 141.541)

Have a look what the booklet for
CIELCh(34, 50.644, 141.541)
contains.

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Color

CIELCh(34, 50.644, 141.541)

Conversions

Conversions Part 1

Format	Color
Hex	005E19
RGB	0, 94, 25
RGB Percent	0%, 37%, 10%
CMY	1.0000, 0.6327, 0.9033
CMYK	1.00, 0.00, 0.74, 0.63
HSL	136°, 100%, 18%
HSV	136°, 100%, 37%
XYZ	4.1355, 8.0082, 2.2286
YIQ	58.0280, -33.8750, -41.3870

Conversions

Conversions Part 2

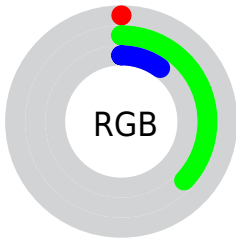
Format	Color
RYB	0, 74, 94
Decimal	24089
CIELab	34.00, -39.66, 31.50
CIELCh	34, 50.644, 141.541
Yxy	8.0082, 0.2877, 0.5572
Android (android.graphics.Color)	4278214169 (0xFF005E19)
YUV	58.0280, -16.2828, -50.8906
Hunter-Lab	28.2988, -23.4372, 15.1399

Details

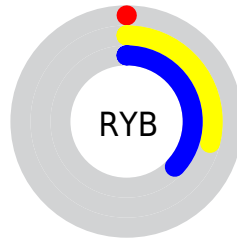
The CIELCh color **34, 50.644, 141.541** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 45.997, 341.122**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 50.571, 141.499**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 50.590, 141.476**, and if you desaturate by 10%, it is **34, 47.166, 142.914**.

Distribution



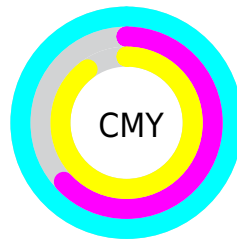
- Red (0%)
- Green (37%)
- Blue (10%)



- Red (0%)
- Yellow (29%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (63%)





- Cyan (100%)
- Magenta (63%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 50.644, 141.541 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, 50.644, 141.541 by changing the saturation by 10% instead.


 34, 50.644,
141.541


 34, 50.644,
141.541

 100, 50.644,
141.541


 24, 50.644,
141.541

 54, 50.644,
141.541


 14, 50.644,
141.541


 64, 50.644,
141.541

 4, 50.644, 141.541

 74, 50.644,
141.541

 0, 50.644, 141.541

 84, 50.644,
141.541

 94, 50.644,
141.541

■ 34, 50.644,
141.541

■ 34, 50.644,
141.541

■ 34, 50.590,
141.476

■ 34, 47.166,
142.914

■ 34, 43.340,
144.557

■ 35, 38.948,
146.079

■ 35, 34.072,
147.453

■ 36, 28.808,
148.673

■ 36, 23.258,
149.746

■ 37, 17.519,
150.687

■ 38, 11.681,

151.513

■ 39, 5.819, 152.247

Harmonies

Complementary

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



34, 50.644, 141.541



19, 45.997, 341.122

Rectangle

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



34, 50.644, 141.541



34, 50.644, 191.541



34, 50.644, 321.541



34, 50.644, 11.541

Sweetspot

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



34, 50.590, 141.476



48, 21.833, 150.603



36, 48.216, 116.533



24, 14.743, 150.356



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, 50.590, 141.476



44, 62.073, 140.814



35, 31.213, 167.546



18, 3.205, 152.331



40, 57.056, 141.065



82, 103.609, 139.783

Inverse Universe

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



19, 45.997, 341.122



26, 55.282, 341.646



18, 42.188, 21.276



17, 3.218, 333.346



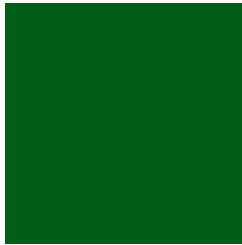
23, 51.215, 341.443



53, 89.264, 342.560

Previews

White Background



This preview shows how the CIELCh color 34, 50.644, 141.541 looks on a white background.

Color Contrast Check

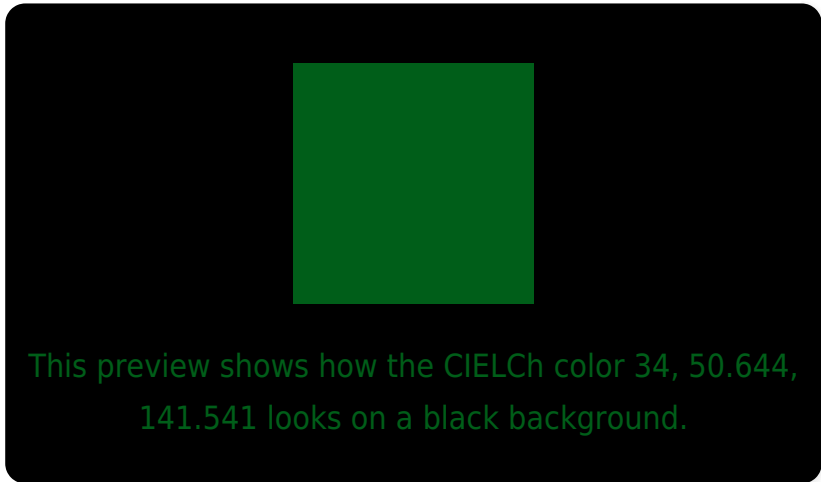
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.644, 141.541

Background



This preview shows how black text looks on a background with the CIELCh color 34, 50.644, 141.541.



This preview shows how white text looks on a background with the CIELCh color 34, 50.644, 141.541.

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, 50.644, 141.541

Protanopia

34, 34.649, 95.580

Deuteranopia

34, 30.306, 81.119



Tritanopia
34, 16.851, 212.601

Trichromacy



Original Color
34, 50.644, 141.541

Protanomaly
33, 38.691, 124.297

Deuteranomaly
32, 32.650, 120.304

Tritanomaly
33, 26.341, 167.421

Monochromacy



Original Color
34, 50.644, 141.541

Achromatopsia
24, 0.004, 296.813

Achromatomaly
27, 22.001, 149.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 50.644, 141.541 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 50.644, 141.541 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, 25) }
```

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

```
.border{ border-color:rgb(0, 94, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 25); box-shadow:4px  
4px 4px 4px rgb(0, 94, 25) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 50.644, 141.541 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, 25) }
```

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

```
.background{ background-color: rgb(0, 94,  
25) }
```

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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