

Converting Colors

CIELCh(34, 50.609, 141.056)

Have a look what the booklet for
CIELCh(34, 50.609, 141.056)
contains.

CIELCh(34, 50.845, 141.032)	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, 50.845, 141.032)

Conversions

Conversions Part 1

Format	Color
Hex	015E18
RGB	1, 94, 24
RGB Percent	0%, 37%, 9%
CMY	0.9951, 0.6329, 0.9074
CMYK	0.99, 0.00, 0.75, 0.63
HSL	135°, 97%, 19%
HSV	135°, 99%, 37%
XYZ	4.1444, 8.0082, 2.1708
YIQ	58.2130, -32.9580, -41.4860

Conversions

Conversions Part 2

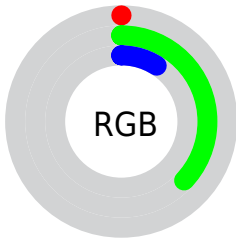
Format	Color
R_YB	1, 76, 94
Decimal	89624
CIE Lab	34.00, -39.53, 31.98
CIE LCh	34, 50.845, 141.032
Yxy	8.0082, 0.2893, 0.5591
Android (android.graphics.Color)	4278279704 (0xFF015E18)
YUV	58.2130, -16.8670, -50.1758
Hunter-Lab	28.2988, -23.3815, 15.2611

Details

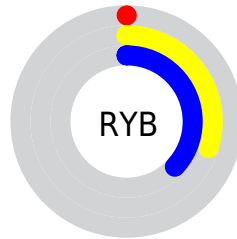
The CIELCh color **34, 50.845, 141.032** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 46.365, 339.696**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 50.385, 141.249**, and **16, 34.389, 139.895** is the 20% darker color. If you saturate the color by 10%, you get **34, 51.279, 140.875**, and if you desaturate by 10%, it is **34, 47.388, 142.475**.

Distribution



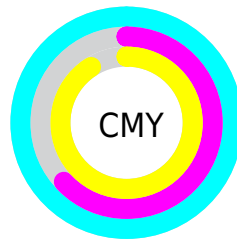
- Red (0%)
- Green (37%)
- Blue (9%)



- Red (0%)
- Yellow (30%)
- Blue (37%)



- Cyan (99%)
- Magenta (0%)
- Yellow (75%)
- Black (63%)





- Cyan (100%)
- Magenta (63%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 50.845, 141.032 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, 50.845, 141.032 by changing the saturation by 10% instead.


 34, 50.845,
141.032


 34, 50.845,
141.032

 100, 50.845,
141.032

 24, 50.845,
141.032

 54, 50.845,
141.032


 14, 50.845,
141.032


 64, 50.845,
141.032

 4, 50.845, 141.032

 74, 50.845,
141.032

 0, 50.845, 141.032

 84, 50.845,
141.032

 94, 50.845,
141.032

■ 34, 50.845,
141.032

■ 34, 50.845,
141.032

■ 34, 51.279,
140.875

■ 34, 47.388,
142.475

■ 34, 43.450,
144.070

■ 35, 38.932,
145.550

■ 35, 33.924,
146.888

■ 36, 28.531,
148.076

■ 36, 22.859,
149.121

■ 37, 17.009,
150.036

■ 38, 11.071,

150.838

■ 39, 5.121, 151.553

Harmonies

Complementary

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



34, 50.845, 141.032



19, 46.365, 339.696

Rectangle

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



34, 50.845, 141.032



34, 50.845, 191.032



34, 50.845, 321.032



34, 50.845, 11.032

Sweetspot

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



34, 50.845, 141.032



48, 22.182, 149.838



37, 47.609, 115.690



24, 14.980, 149.593



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, 50.845, 141.032



44, 62.915, 140.235



35, 31.584, 166.322



18, 3.254, 151.544



40, 57.839, 140.476



82, 104.920, 139.248

Inverse Universe

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



19, 46.365, 339.696



27, 56.081, 340.292



18, 41.419, 19.383



17, 3.267, 332.541



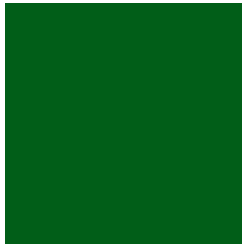
23, 51.950, 340.112



53, 90.596, 341.100

Previews

White Background



This preview shows how the CIELCh color 34, 50.845, 141.032 looks on a white background.

Color Contrast Check

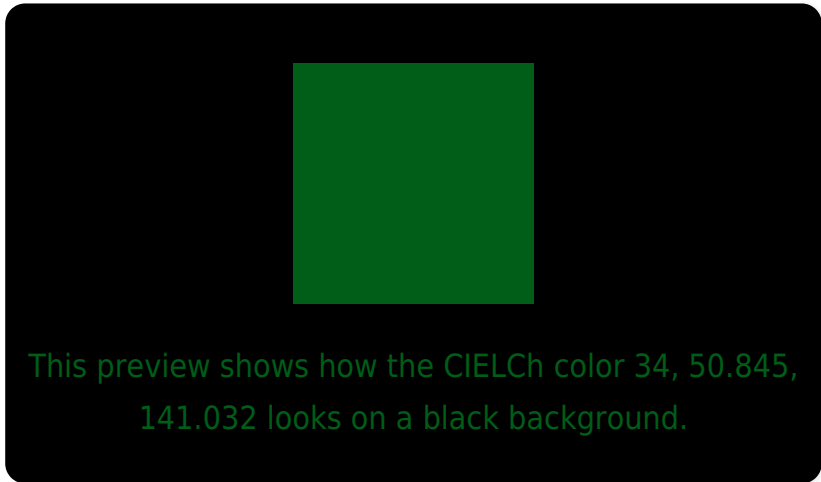
Large Text (above 18pt) WCAG AA ✓ Pass

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

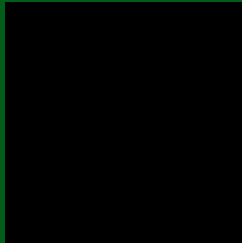
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 50.845, 141.032

Background



This preview shows how black text looks on a background with the CIELCh color 34, 50.845, 141.032.



This preview shows how white text looks on a background with the CIELCh color 34, 50.845, 141.032.

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, 50.926, 141.131

Protanopia

34, 35.084, 95.603

Deuteranopia

34, 30.306, 81.119



Tritanopia
34, 16.623, 212.842

Trichromacy



Original Color
34, 50.926, 141.131

Protanomaly
33, 38.934, 123.436

Deuteranomaly
32, 33.135, 120.012

Tritanomaly
33, 26.566, 166.139

Monochromacy



Original Color
34, 50.926, 141.131

Achromatopsia
24, 0.004, 296.813

Achromatomaly
27, 22.498, 148.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 50.845, 141.032 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(1, 94, 24)` looks like.

```
.text, #text, p{  
    color:rgb(1, 94, 24)  
}
```

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(1, 94, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 94, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 50.845, 141.032 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(1, 94, 24) }
```

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

```
.border{ border-color:rgb(1, 94, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 94, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 94, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 94, 24); box-shadow:4px  
4px 4px 4px rgb(1, 94, 24) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 50.845, 141.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 94, 24) }
```

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

```
.background{ background-color: rgb(1, 94,  
24) }
```

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