

Converting Colors

CIELCh(34, 51.634, 131.964)

Have a look what the booklet for
CIELCh(34, 51.634, 131.964)
contains.

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Color

CIELCh(34, 51.747, 132.037)

Conversions

Conversions Part 1

Format	Color
Hex	215C06
RGB	33, 92, 6
RGB Percent	13%, 36%, 2%
CMY	0.8702, 0.6389, 0.9760
CMYK	0.64, 0.00, 0.93, 0.64
HSL	101°, 88%, 19%
HSV	101°, 93%, 36%
XYZ	4.4989, 8.0082, 1.4840
YIQ	64.5550, -7.5580, -39.2540

Conversions

Conversions Part 2

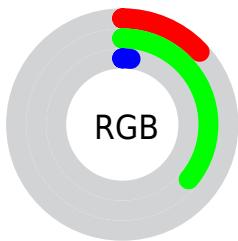
Format	Color
RYB	6, 92, 65
Decimal	2186246
CIELab	34.00, -34.65, 38.43
CIELCh	34, 51.747, 132.037
Yxy	8.0082, 0.3216, 0.5724
Android (android.graphics.Color)	4280376326 (0xFF215C06)
YUV	64.5550, -28.8676, -27.6737
Hunter-Lab	28.2988, -21.1453, 16.6999

Details

The CIELCh color **34, 51.747, 132.037** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **16, 54.297, 317.638**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 51.641, 132.228**, and **15, 33.177, 140.530** is the 20% darker color. If you saturate the color by 10%, you get **34, 54.032, 131.940**, and if you desaturate by 10%, it is **34, 48.239, 131.919**.

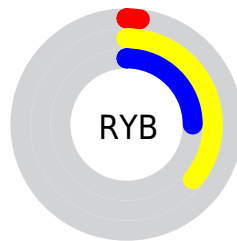
Distribution



Red (13%)

Green (36%)

Blue (2%)



Red (2%)

Yellow (36%)

Blue (25%)

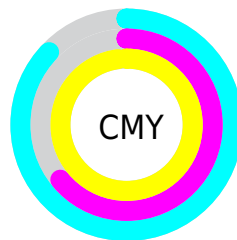


Cyan (64%)

Magenta (0%)

Yellow (93%)

Black (64%)



Cyan (87%)


Magenta (64%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 51.747, 132.037 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, 51.747, 132.037 by changing the saturation by 10% instead.


 34, 51.747,
132.037


 34, 51.747,
132.037

 100, 51.747,
132.037


 24, 51.747,
132.037

 54, 51.747,
132.037


 14, 51.747,
132.037


 64, 51.747,
132.037

 4, 51.747, 132.037

 74, 51.747,
132.037

 0, 51.747, 132.037

 84, 51.747,
132.037

 94, 51.747,
132.037

■ 34, 51.747,
132.037

■ 34, 51.747,
132.037

■ 34, 54.032,
131.940

■ 34, 48.239,
131.919

■ 35, 43.872,
132.038

■ 35, 38.764,
132.369

■ 36, 33.138,
132.819

■ 36, 27.171,
133.319

■ 37, 20.998,
133.825

■ 37, 14.717,
134.312

■ 38, 8.400, 134.766

Harmonies

Complementary

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



34, 51.747, 132.037



16, 54.297, 317.638

Rectangle

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



34, 51.747, 132.037



34, 51.747, 182.037



34, 51.747, 312.037



34, 51.747, 2.037

Sweetspot

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



34, 51.747, 132.038



48, 21.910, 134.047



30, 37.071, 80.078



24, 15.239, 133.899



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, 51.747, 132.038



44, 65.407, 132.380



33, 50.299, 140.153



18, 3.506, 134.963



40, 61.291, 132.244



83, 109.140, 133.094

Inverse Universe

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



16, 54.297, 317.638



21, 68.546, 317.289



20, 46.648, 335.964



17, 3.533, 315.612



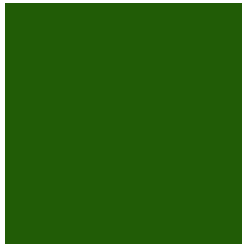
18, 64.301, 317.381



44, 113.752, 316.774

Previews

White Background



This preview shows how the CIELCh color 34, 51.747, 132.037 looks on a white background.

Color Contrast Check

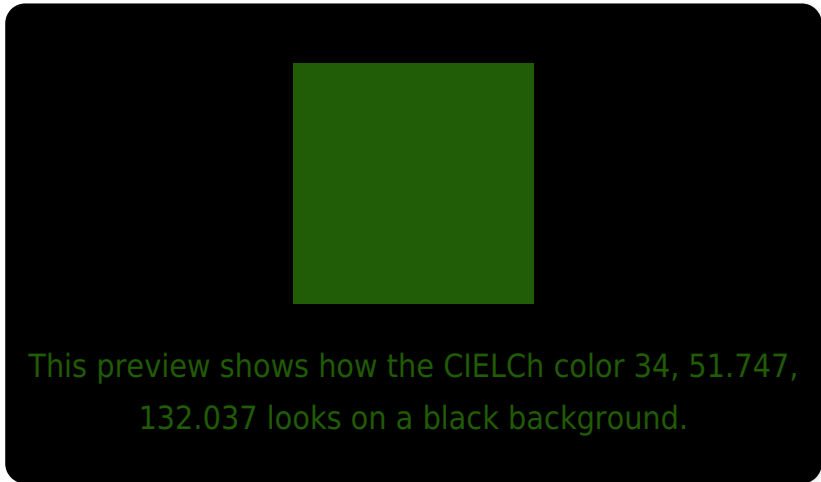
Large Text (above 18pt) WCAG AA ✓ Pass

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

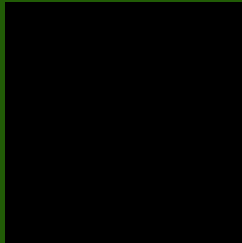
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 51.747, 132.037

Background



This preview shows how black text looks on a background with the CIELCh color 34, 51.747, 132.037.



This preview shows how white text looks on a background with the CIELCh color 34, 51.747, 132.037.

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

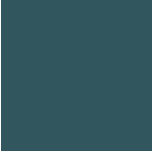
34, 51.747, 132.037

Protanopia

34, 42.142, 95.736

Deuteranopia

34, 35.462, 83.503



Tritanopia
34, 13.824, 216.418

Trichromacy



Original Color
34, 51.747, 132.037

Protanomaly
33, 43.326, 112.982

Deuteranomaly
33, 37.664, 108.309

Tritanomaly
34, 25.079, 154.023

Monochromacy



Original Color
34, 51.747, 132.037

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 22.044, 134.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 51.747, 132.037 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(33, 92, 6)` looks like.

```
.text, #text, p{  
    color:rgb(33, 92, 6)  
}
```

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(33, 92, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 92, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 51.747, 132.037 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(33, 92, 6) }
```

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

```
.border{ border-color:rgb(33, 92, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 92, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 92, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 92, 6); box-shadow:4px  
4px 4px 4px rgb(33, 92, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 51.747, 132.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 92, 6) }
```

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

```
.background{ background-color: rgb(33, 92,  
6) }
```

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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