

Converting Colors

CIELCh(34, 63.361, 105.157)

Have a look what the booklet for
CIELCh(34, 63.361, 105.157)
contains.

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Color

CIELCh(34, 44.347, 110.048)

Conversions

Conversions Part 1

Format	Color
Hex	4A5500
RGB	74, 85, 0
RGB Percent	29%, 33%, 0%
CMY	0.7088, 0.6655, 1.0000
CMYK	0.13, 0.00, 1.00, 0.67
HSL	68°, 100%, 17%
HSV	68°, 100%, 33%
XYZ	6.1118, 8.0082, 1.2032
YIQ	72.0210, 20.7290, -28.7670

Conversions

Conversions Part 2

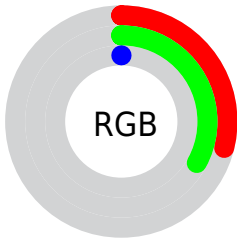
Format	Color
RYB	0, 85, 11
Decimal	4871424
CIELab	34.00, -15.20, 41.66
CIELCh	34, 44.347, 110.048
Yxy	8.0082, 0.3989, 0.5226
Android (android.graphics.Color)	4283061504 (0xFF4A5500)
YUV	72.0210, -35.5064, 1.7356
Hunter-Lab	28.2988, -10.9717, 17.2883

Details

The CIELCh color **34, 44.347, 110.048** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7, 59.071, 307.016**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 44.150, 110.133**, and **14, 24.611, 124.853** is the 20% darker color. If you saturate the color by 10%, you get **34, 44.107, 110.124**, and if you desaturate by 10%, it is **34, 41.327, 110.243**.

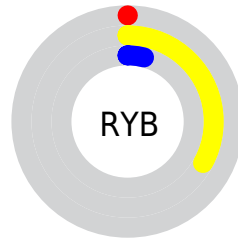
Distribution



Red (29%)

Green (33%)

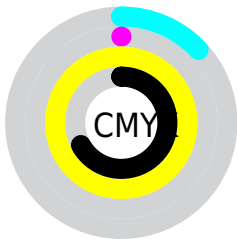
Blue (0%)



Red (0%)

Yellow (33%)

Blue (4%)

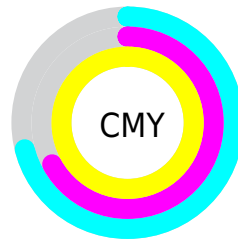


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 44.347, 110.048 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, 44.347, 110.048 by changing the saturation by 10% instead.

 34, 44.347,
110.048

 34, 44.347,
110.048

 100, 44.347,
110.048

 24, 44.347,
110.048

 54, 44.347,
110.048

 14, 44.347,
110.048

 64, 44.347,
110.048

 4, 44.347, 110.048

 74, 44.347,
110.048

 0, 44.347, 110.048

 84, 44.347,
110.048

 94, 44.347,
110.048

■ 34, 44.347,
110.048

■ 34, 44.347,
110.048

■ 34, 44.107,
110.124

■ 34, 41.327,
110.243

■ 34, 38.443,
110.358

■ 34, 34.773,
110.686

■ 35, 30.511,
111.174

■ 35, 25.840,
111.769

■ 35, 20.899,
112.431

■ 35, 15.788,
113.130

■ 36, 10.572,

113.844

■ 36, 5.298, 114.557

Harmonies

Complementary

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



34, 44.347, 110.048



7, 59.071, 307.016

Rectangle

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



34, 44.347, 110.048



34, 44.347, 160.048



34, 44.347, 290.048



34, 44.347, 340.048

Sweetspot

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



34, 44.107, 110.124



45, 19.414, 113.062



16, 41.377, 37.317



23, 13.330, 112.881



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34, 44.107, 110.124



44, 52.596, 110.352



31, 50.238, 130.165



18, 3.005, 114.641



43, 51.724, 110.333



88, 92.073, 110.817

Inverse Universe

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



7, 59.071, 307.016



11, 71.033, 307.021



12, 54.527, 315.710



16, 3.062, 295.908



10, 69.841, 307.037



30, 124.812, 306.694

Previews

White Background



This preview shows how the CIELCh color 34, 44.347, 110.048 looks on a white background.

Color Contrast Check

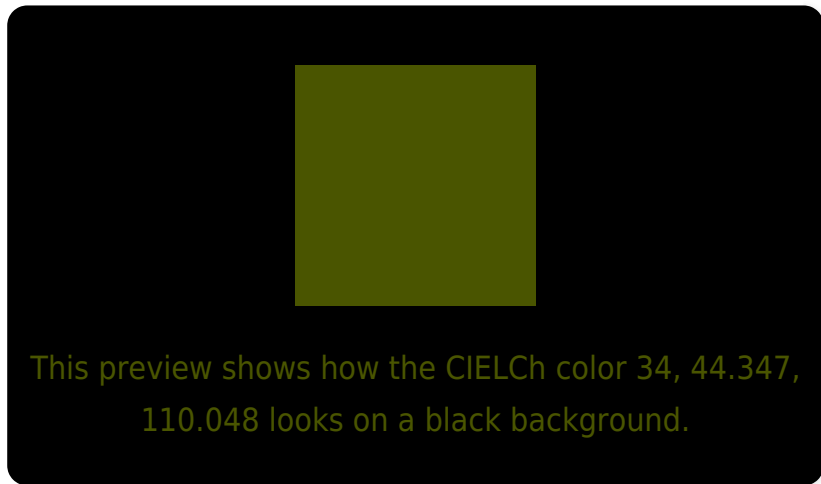
Large Text (above 18pt) WCAG AA ✓ Pass

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

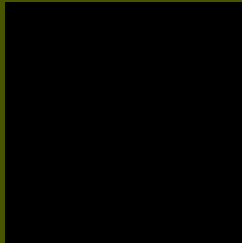
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 44.347, 110.048

Background



This preview shows how black text looks on a background with the CIELCh color 34, 44.347, 110.048.



This preview shows how white text looks on a background with the CIELCh color 34, 44.347, 110.048.

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, 44.000, 110.118

Protanopia

34, 42.142, 95.736

Deuteranopia

34, 37.670, 83.461



Tritanopia
34, 4.488, 301.707

Trichromacy



Original Color
34, 44.000, 110.118

Protanomaly
34, 42.514, 101.458

Deuteranomaly
34, 38.587, 94.103

Tritanomaly
34, 16.110, 110.727

Monochromacy



Original Color
34, 44.000, 110.118

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 19.328, 112.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 44.347, 110.048 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(74, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(74, 85, 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(74, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 85, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 44.347, 110.048 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(74, 85, 0) }
```

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

```
.border{ border-color:rgb(74, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 85, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 85, 0); box-shadow:4px  
4px 4px 4px rgb(74, 85, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 44.347, 110.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 85, 0) }
```

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

```
.background{ background-color: rgb(74, 85,  
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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