

Converting Colors

CIELCh(35, 48.526, 129.087)

Have a look what the booklet for
CIELCh(35, 48.526, 129.087)
contains.

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Color

CIELCh(35, 48.531, 129.104)

Conversions

Conversions Part 1

Format	Color
Hex	2E5D0C
RGB	46, 93, 12
RGB Percent	18%, 36%, 5%
CMY	0.8183, 0.6341, 0.9514
CMYK	0.50, 0.00, 0.87, 0.63
HSL	95°, 77%, 21%
HSV	95°, 87%, 37%
XYZ	5.1513, 8.4984, 1.7291
YIQ	69.7130, -2.0110, -35.1550

Conversions

Conversions Part 2

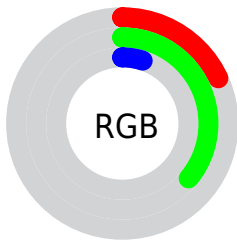
Format	Color
R_{YB}	12, 93, 59
Decimal	3038476
CIE _{Lab}	35.00, -30.61, 37.66
CIE _{LCh}	35, 48.531, 129.104
Yxy	8.4984, 0.3350, 0.5526
Android (android.graphics.Color)	4281228556 (0xFF2E5D0C)
YUV	69.7130, -28.4525, -20.7963
Hunter-Lab	29.1520, -19.4744, 16.8897

Details

The CIELCh color **35, 48.531, 129.104** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **16, 52.984, 314.714**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 48.516, 129.319**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **35, 51.886, 129.388**, and if you desaturate by 10%, it is **35, 44.530, 128.965**.

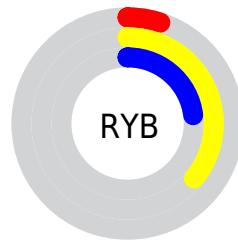
Distribution



Red (18%)

Green (36%)

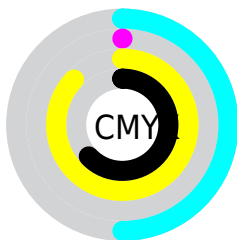
Blue (5%)



Red (5%)

Yellow (36%)

Blue (23%)

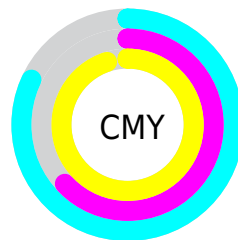


Cyan (50%)

Magenta (0%)

Yellow (87%)

Black (63%)



Cyan (82%)


Magenta (63%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 48.531, 129.104 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 35, 48.531, 129.104 by changing the saturation by 10% instead.


 35, 48.531,
129.104

 35, 48.531,
129.104

 100, 48.531,
129.104

 25, 48.531,
129.104

 55, 48.531,
129.104


 15, 48.531,
129.104


 65, 48.531,
129.104

 5, 48.531, 129.104

 75, 48.531,
129.104

 0, 48.531, 129.104

 85, 48.531,
129.104

 95, 48.531,
129.104

■ 35, 48.531,
129.104

■ 35, 48.531,
129.104

■ 35, 51.886,
129.388

■ 35, 44.530,
128.965

■ 35, 53.022,
129.398

■ 36, 39.734,
129.101

■ 36, 34.368,
129.412

■ 37, 28.621,
129.820

■ 37, 22.637,
130.270

■ 38, 16.516,
130.727

■ 38, 10.334,
131.170

■ 39, 4.143, 131.595

Harmonies

Complementary

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



35, 48.531, 129.104



16, 52.984, 314.714

Rectangle

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



35, 48.531, 129.104



35, 48.531, 179.104



35, 48.531, 309.104



35, 48.531, 359.104

Sweetspot

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



35, 48.531, 129.105



49, 20.091, 130.722



28, 34.605, 70.801



24, 13.487, 130.623



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 48.531, 129.105



45, 64.580, 129.904



34, 51.775, 138.292



18, 3.408, 131.507



41, 59.585, 129.714



84, 106.152, 130.705

Inverse Universe

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



16, 52.984, 314.714



19, 71.023, 314.278



21, 49.612, 330.434



17, 3.444, 312.163



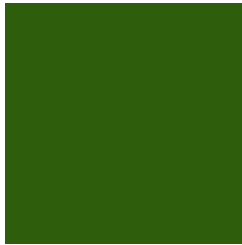
16, 65.595, 314.408



40, 116.254, 313.711

Previews

White Background



This preview shows how the CIELCh color 35, 48.531, 129.104 looks on a white background.

Color Contrast Check

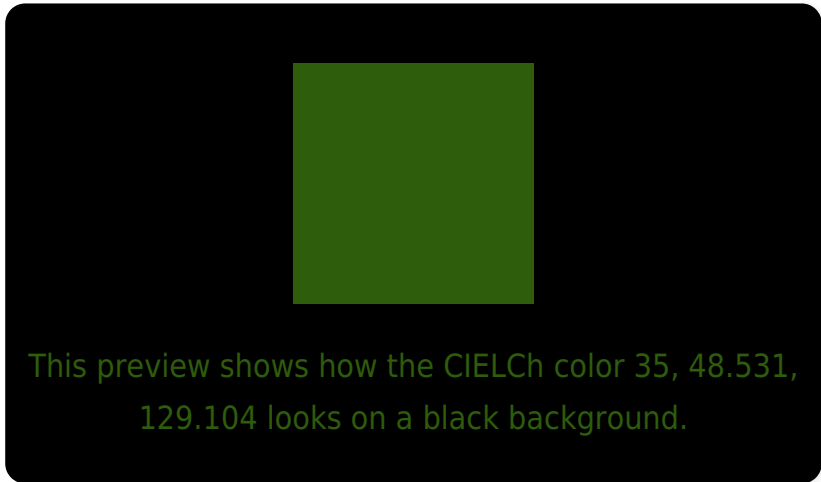
Large Text (above 18pt) WCAG AA ✓ Pass

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

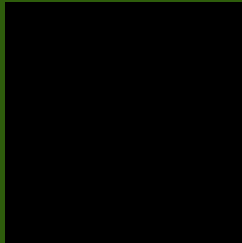
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 48.531, 129.104

Background



This preview shows how black text looks on a background with the CIELCh color 35, 48.531, 129.104.



This preview shows how white text looks on a background with the CIELCh color 35, 48.531, 129.104.

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

35, 48.531, 129.104

Protanopia

35, 39.992, 95.148

Deuteranopia

35, 35.657, 82.949



Tritanopia
35, 11.213, 221.229

Trichromacy



Original Color
35, 48.531, 129.104

Protanomaly
34, 41.173, 110.359

Deuteranomaly
34, 36.847, 105.462

Tritanomaly
35, 21.564, 150.667

Monochromacy



Original Color
35, 48.531, 129.104

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 19.791, 130.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 48.531, 129.104 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(46, 93, 12)` looks like.

```
.text, #text, p{  
    color:rgb(46, 93, 12)  
}
```

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(46, 93, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 93, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 48.531, 129.104 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(46, 93, 12) }
```

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

```
.border{ border-color:rgb(46, 93, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 93, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 93, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 93, 12);  
box-shadow:4px 4px 4px 4px rgb(46, 93, 12)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 48.531, 129.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 93, 12) }
```

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

```
.background{ background-color: rgb(46, 93,  
12) }
```

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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