

Converting Colors

CIELCh(35, 49.322, 142.044)

Have a look what the booklet for
CIELCh(35, 49.322, 142.044)
contains.

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Color

CIELCh(35, 49.149, 142.177)

Conversions

Conversions Part 1

Format	Color
Hex	08601E
RGB	8, 96, 30
RGB Percent	3%, 38%, 12%
CMY	0.9691, 0.6238, 0.8826
CMYK	0.92, 0.00, 0.69, 0.62
HSL	135°, 85%, 20%
HSV	135°, 92%, 38%
XYZ	4.5092, 8.4984, 2.6270
YIQ	62.1640, -31.2620, -39.1820

Conversions

Conversions Part 2

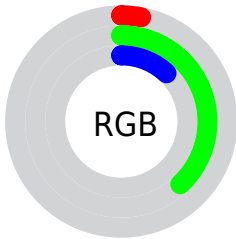
Format	Color
R_{YB}	8, 78, 96
Decimal	548894
CIE _{Lab}	35.00, -38.82, 30.14
CIE _{LCh}	35, 49.149, 142.177
Yxy	8.4984, 0.2884, 0.5436
Android (android.graphics.Color)	4278738974 (0xFF08601E)
YUV	62.1640, -15.8569, -47.5018
Hunter-Lab	29.1520, -23.4061, 15.0635

Details

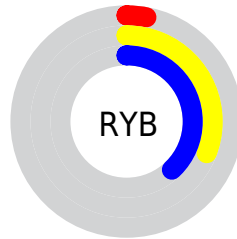
The CIELCh color **35, 49.149, 142.177** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21, 45.591, 339.498**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 49.416, 142.057**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 51.964, 141.042**, and if you desaturate by 10%, it is **35, 45.348, 143.810**.

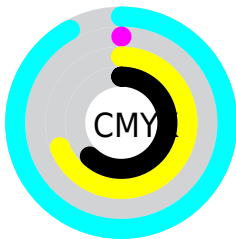
Distribution



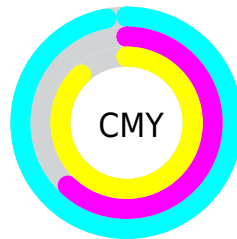
- Red (3%)
- Green (38%)
- Blue (12%)



- Red (3%)
- Yellow (31%)
- Blue (38%)



- Cyan (92%)
- Magenta (0%)
- Yellow (69%)
- Black (62%)





- Cyan (97%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 49.149, 142.177 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, 49.149, 142.177 by changing the saturation by 10% instead.


 35, 49.149,
142.177


 35, 49.149,
142.177

 100, 49.149,
142.177


 25, 49.149,
142.177


 55, 49.149,
142.177


 15, 49.149,
142.177


 65, 49.149,
142.177

 5, 49.149, 142.177

 75, 49.149,
142.177

 0, 49.149, 142.177

 85, 49.149,
142.177

 95, 49.149,
142.177

■ 35, 49.149,
142.177

■ 35, 49.149,
142.177

■ 35, 51.964,
141.042

■ 35, 45.348,
143.810

■ 36, 40.947,
145.349

■ 36, 36.021,
146.747

■ 36, 30.669,
147.994

■ 37, 24.999,
149.092

■ 38, 19.116,
150.054

■ 39, 13.114,
150.896

■ 40, 7.077, 151.641

Harmonies

Complementary

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



35, 49.149, 142.177



21, 45.591, 339.498

Rectangle

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



35, 49.149, 142.177



35, 49.149, 192.177



35, 49.149, 322.177



35, 49.149, 12.177

Sweetspot

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



35, 49.149, 142.177



49, 20.933, 150.313



38, 46.667, 116.399



25, 14.555, 150.041



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 49.149, 142.177



45, 63.583, 140.417



36, 30.305, 168.769



19, 3.386, 151.846



41, 58.553, 140.651



83, 105.285, 139.444

Inverse Universe

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



21, 45.591, 339.498



27, 56.572, 340.856



19, 40.185, 18.297



18, 3.399, 332.864



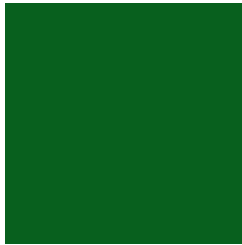
24, 52.482, 340.674



54, 90.782, 341.681

Previews

White Background



This preview shows how the CIELCh color 35, 49.149, 142.177 looks on a white background.

Color Contrast Check

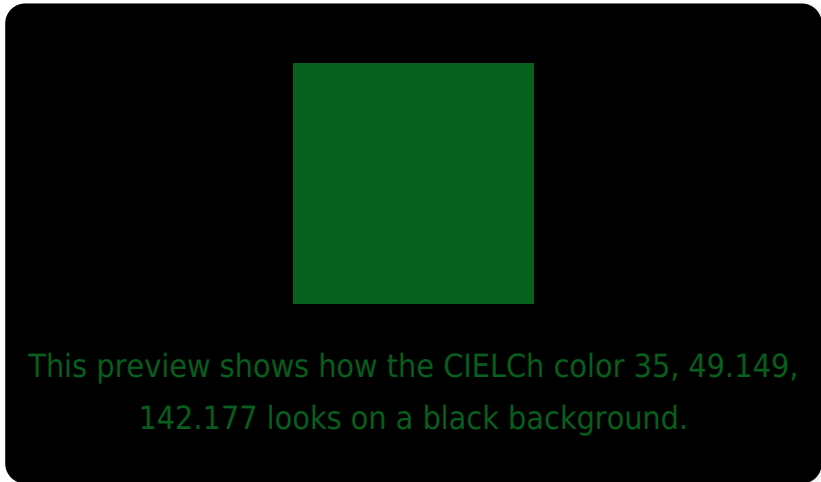
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.149, 142.177

Background



This preview shows how black text looks on a background with the CIELCh color 35, 49.149, 142.177.



This preview shows how white text looks on a background with the CIELCh color 35, 49.149, 142.177.

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, 49.149, 142.177

Protanopia
35, 33.272, 95.638

Deuteranopia
35, 28.677, 80.350



Tritanopia
35, 17.140, 212.253

Trichromacy



Original Color
35, 49.149, 142.177

Protanomaly
34, 37.051, 123.925

Deuteranomaly
34, 31.435, 120.175

Tritanomaly
35, 25.828, 168.679

Monochromacy



Original Color
35, 49.149, 142.177

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 20.869, 149.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 49.149, 142.177 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(8, 96, 30)` looks like.

```
.text, #text, p{  
    color:rgb(8, 96, 30)  
}
```

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(8, 96, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 96, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 49.149, 142.177 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(8, 96, 30) }
```

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

```
.border{ border-color:rgb(8, 96, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 96, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 96, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 96, 30); box-shadow:4px  
4px 4px 4px rgb(8, 96, 30) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 49.149, 142.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 96, 30) }
```

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

```
.background{ background-color: rgb(8, 96,  
30) }
```

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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