

Converting Colors

CIELCh(35, 38.899, 149.955)

Have a look what the booklet for
CIELCh(35, 38.899, 149.955)
contains.

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Color

CIELCh(35, 38.949, 150.052)

Conversions

Conversions Part 1

Format	Color
Hex	135F32
RGB	19, 95, 50
RGB Percent	7%, 37%, 20%
CMY	0.9271, 0.6285, 0.8049
CMYK	0.80, 0.00, 0.47, 0.63
HSL	145°, 67%, 22%
HSV	145°, 80%, 37%
XYZ	4.8992, 8.4984, 4.3722
YIQ	67.1460, -30.8510, -30.1070

Conversions

Conversions Part 2

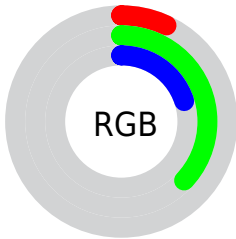
Format	Color
R_{YB}	19, 73, 95
Decimal	1269554
CIE _{Lab}	35.00, -33.75, 19.44
CIE _{LCh}	35, 38.949, 150.052
Yxy	8.4984, 0.2757, 0.4783
Android (android.graphics.Color)	4279459634 (0xFF135F32)
YUV	67.1460, -8.4530, -42.2240
Hunter-Lab	29.1520, -21.0181, 11.5142

Details

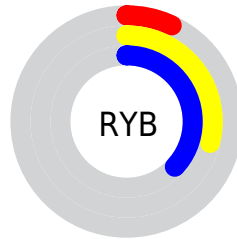
The CIELCh color **35, 38.949, 150.052** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21, 38.779, 347.517**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 38.657, 149.989**, and **16, 32.576, 141.705** is the 20% darker color. If you saturate the color by 10%, you get **35, 42.398, 148.235**, and if you desaturate by 10%, it is **35, 35.046, 151.697**.

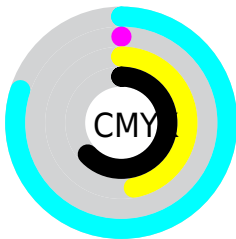
Distribution



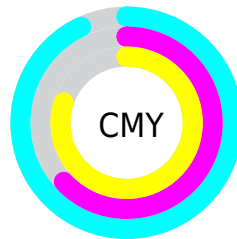
- Red (7%)
- Green (37%)
- Blue (20%)



- Red (7%)
- Yellow (29%)
- Blue (37%)



- Cyan (80%)
- Magenta (0%)
- Yellow (47%)
- Black (63%)





- Cyan (93%)
- Magenta (63%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 38.949, 150.052 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, 38.949, 150.052 by changing the saturation by 10% instead.


 35, 38.949,
150.052


 35, 38.949,
150.052

 100, 38.949,
150.052


 25, 38.949,
150.052

 55, 38.949,
150.052


 15, 38.949,
150.052


 65, 38.949,
150.052

 5, 38.949, 150.052

 75, 38.949,
150.052

 0, 38.949, 150.052

 85, 38.949,
150.052

 95, 38.949,
150.052

■ 35, 38.949,
150.052

■ 35, 38.949,
150.052

■ 35, 42.398,
148.235

■ 35, 35.046,
151.697

■ 35, 45.505,
146.607

■ 36, 30.729,
153.165

■ 36, 26.063,
154.466

■ 37, 21.125,
155.615

■ 38, 15.997,
156.633

■ 38, 10.755,
157.539

■ 39, 5.466, 158.361

■ 40, 0.187, 160.204

Harmonies

Complementary

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



35, 38.949, 150.052



21, 38.779, 347.517

Rectangle

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



35, 38.949, 150.052



35, 38.949, 200.052



35, 38.949, 330.052



35, 38.949, 20.052

Sweetspot

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



35, 38.949, 150.052



49, 15.643, 157.156



37, 44.272, 122.629



24, 10.639, 156.941



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, 38.949, 150.052



45, 53.946, 146.605



36, 24.151, 184.940



20, 3.012, 158.477



41, 51.815, 146.110



83, 93.535, 144.636

Inverse Universe

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



21, 38.779, 347.517



26, 50.278, 351.505



20, 37.869, 25.302



18, 3.036, 339.648



23, 47.890, 352.158



52, 82.831, 354.286

Previews

White Background



This preview shows how the CIELCh color 35, 38.949, 150.052 looks on a white background.

Color Contrast Check

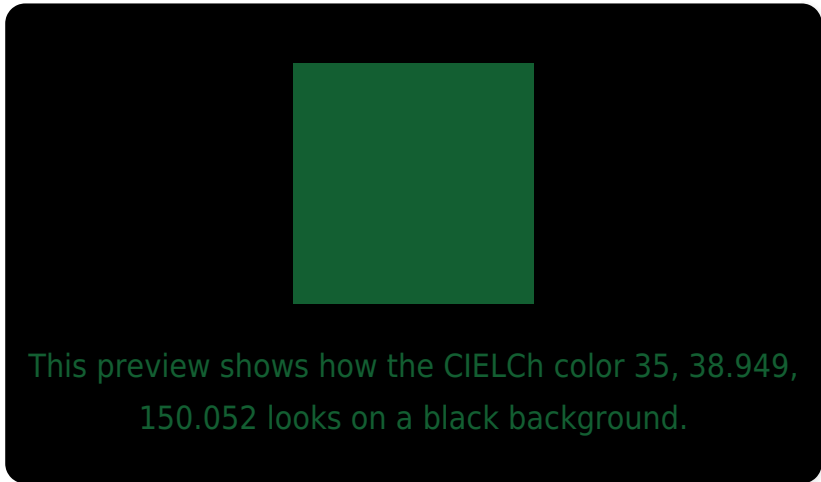
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.949, 150.052

Background



This preview shows how black text looks on a background with the CIELCh color 35, 38.949, 150.052.



This preview shows how white text looks on a background with the CIELCh color 35, 38.949, 150.052.

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, 38.949, 150.052

Protanopia

35, 22.958, 96.347

Deuteranopia

35, 18.302, 73.448



Tritanopia
35, 17.163, 214.474

Trichromacy



Original Color
35, 38.949, 150.052

Protanomaly
34, 26.562, 129.684

Deuteranomaly
34, 20.730, 125.156

Tritanomaly
35, 22.036, 178.222

Monochromacy



Original Color
35, 38.949, 150.052

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 15.848, 157.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 38.949, 150.052 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(19, 95, 50)` looks like.

```
.text, #text, p{  
    color:rgb(19, 95, 50)  
}
```

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(19, 95, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 95, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 38.949, 150.052 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(19, 95, 50) }
```

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

```
.border{ border-color:rgb(19, 95, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 95, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 95, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 95, 50);  
box-shadow:4px 4px 4px 4px rgb(19, 95, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 38.949, 150.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 95, 50) }
```

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

```
.background{ background-color: rgb(19, 95,  
50) }
```

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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