

Converting Colors

CIELCh(35, 70.992, 125.947)

Have a look what the booklet for
CIELCh(35, 70.992, 125.947)
contains.

CIELCh(35, 56.832, 133.725)	3
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Color

CIELCh(35, 56.832, 133.725)

Conversions

Conversions Part 1

Format	Color
Hex	156000
RGB	21, 96, 0
RGB Percent	8%, 38%, 0%
CMY	0.9184, 0.6240, 1.0000
CMYK	0.78, 0.00, 1.00, 0.62
HSL	107°, 100%, 19%
HSV	107°, 100%, 38%
XYZ	4.4749, 8.4984, 1.4005
YIQ	62.6310, -13.8840, -45.7560

Conversions

Conversions Part 2

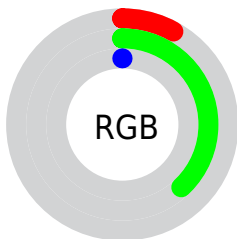
Format	Color
RYB	0, 96, 75
Decimal	1400832
CIELab	35.00, -39.28, 41.07
CIELCh	35, 56.832, 133.725
Yxy	8.4984, 0.3113, 0.5912
Android (android.graphics.Color)	4279590912 (0xFF156000)
YUV	62.6310, -30.8771, -36.5104
Hunter-Lab	29.1520, -23.6155, 17.5580

Details

The CIELCh color **35, 56.832, 133.725** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **17, 57.571, 320.578**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 56.827, 133.690**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 56.796, 133.750**, and if you desaturate by 10%, it is **35, 53.465, 134.027**.

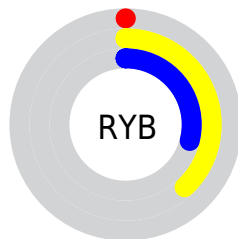
Distribution



Red (8%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (29%)

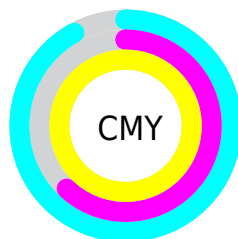


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (92%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 56.832, 133.725 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, 56.832, 133.725 by changing the saturation by 10% instead.


 35, 56.832,
133.725


 35, 56.832,
133.725

 100, 56.832,
133.725


 25, 56.832,
133.725

 55, 56.832,
133.725


 15, 56.832,
133.725


 65, 56.832,
133.725

 5, 56.832, 133.725

 75, 56.832,
133.725

 0, 56.832, 133.725

 85, 56.832,
133.725

 95, 56.832,
133.725

■ 35, 56.832,
133.725

■ 35, 56.832,
133.725

■ 35, 56.796,
133.750

■ 35, 53.465,
134.027

■ 36, 49.645,
134.161

■ 36, 44.824,
134.549

■ 36, 39.254,
135.088

■ 37, 33.164,
135.690

■ 37, 26.739,
136.298

■ 38, 20.116,
136.878

■ 39, 13.403,

137.412

■ 40, 6.676, 137.898

Harmonies

Complementary

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



35, 56.832, 133.725



17, 57.571, 320.578

Rectangle

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



35, 56.832, 133.725



35, 56.832, 183.725



35, 56.832, 313.725



35, 56.832, 3.725

Sweetspot

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



35, 56.796, 133.750



49, 25.013, 136.826



33, 41.416, 86.204



25, 17.189, 136.661



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, 56.796, 133.750



45, 68.830, 134.093



35, 51.384, 141.507



20, 3.775, 137.950



41, 63.627, 133.966



83, 112.147, 134.604

Inverse Universe

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



17, 57.571, 320.578



24, 69.531, 320.361



20, 46.627, 341.379



18, 3.797, 318.642



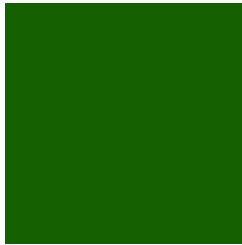
21, 64.356, 320.444



48, 112.727, 319.992

Previews

White Background



This preview shows how the CIELCh color 35, 56.832, 133.725 looks on a white background.

Color Contrast Check

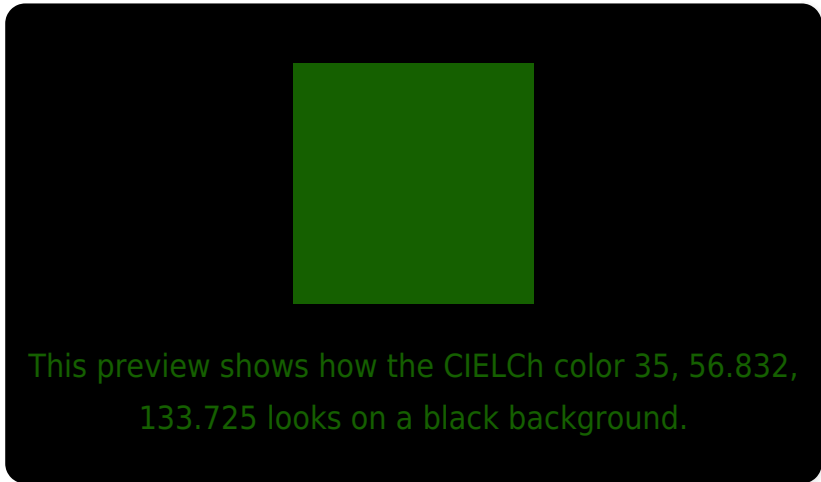
Large Text (above 18pt) WCAG AA ✓ Pass

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

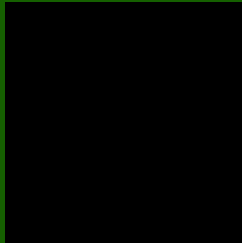
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 56.832, 133.725

Background



This preview shows how black text looks on a background with the CIELCh color 35, 56.832, 133.725.



This preview shows how white text looks on a background with the CIELCh color 35, 56.832, 133.725.

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, 56.832, 133.725

Protanopia
35, 42.916, 95.193

Deuteranopia
35, 36.086, 83.114



Tritanopia
35, 15.936, 213.563

Trichromacy



Original Color
35, 56.832, 133.725

Protanomaly
34, 45.572, 115.414

Deuteranomaly
34, 39.511, 111.567

Tritanomaly
34, 28.645, 155.279

Monochromacy



Original Color
35, 56.832, 133.725

Achromatopsia
26, 0.004, 296.813

Achromatomaly
29, 25.328, 135.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 56.832, 133.725 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(21, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(21, 96, 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(21, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 96, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 56.832, 133.725 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(21, 96, 0) }
```

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

```
.border{ border-color:rgb(21, 96, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 96, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 96, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 96, 0); box-shadow:4px  
4px 4px 4px rgb(21, 96, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 56.832, 133.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 96, 0) }
```

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

```
.background{ background-color: rgb(21, 96,  
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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