

Converting Colors

CIELCh(35, 56.290, 132.807)

Have a look what the booklet for
CIELCh(35, 56.290, 132.807)
contains.

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Color

CIELCh(35, 56.356, 133.045)

Conversions

Conversions Part 1

Format	Color
Hex	186000
RGB	24, 96, 0
RGB Percent	9%, 38%, 0%
CMY	0.9040, 0.6250, 1.0000
CMYK	0.74, 0.00, 1.00, 0.62
HSL	105°, 100%, 19%
HSV	105°, 100%, 38%
XYZ	4.5358, 8.4984, 1.3902
YIQ	63.5280, -12.0960, -45.1200

Conversions

Conversions Part 2

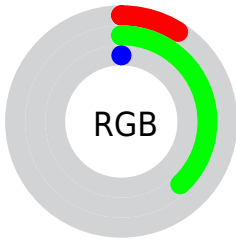
Format	Color
RYB	0, 96, 72
Decimal	1597440
CIELab	35.00, -38.47, 41.19
CIELCh	35, 56.356, 133.045
Yxy	8.4984, 0.3145, 0.5892
Android (android.graphics.Color)	4279787520 (0xFF186000)
YUV	63.5280, -31.3193, -34.6661
Hunter-Lab	29.1520, -23.2427, 17.5790

Details

The CIELCh color **35, 56.356, 133.045** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **16, 57.802, 319.317**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 56.067, 133.362**, and **16, 34.989, 139.605** is the 20% darker color. If you saturate the color by 10%, you get **35, 56.254, 133.114**, and if you desaturate by 10%, it is **35, 52.880, 133.278**.

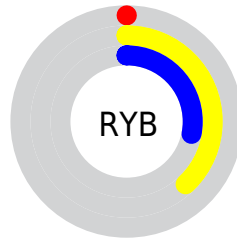
Distribution



Red (9%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (28%)

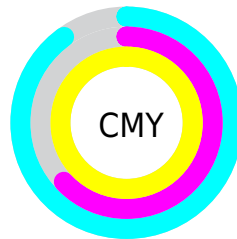


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (90%)


Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 56.356, 133.045 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, 56.356, 133.045 by changing the saturation by 10% instead.


 35, 56.356,
133.045


 35, 56.356,
133.045

 100, 56.356,
133.045


 25, 56.356,
133.045

 55, 56.356,
133.045


 15, 56.356,
133.045


 65, 56.356,
133.045

 5, 56.356, 133.045

 75, 56.356,
133.045

 0, 56.356, 133.045

 85, 56.356,
133.045

 95, 56.356,
133.045

■ 35, 56.356,
133.045

■ 35, 56.356,
133.045

■ 35, 56.254,
133.114

■ 35, 52.880,
133.278

■ 36, 49.051,
133.313

■ 36, 44.252,
133.617

■ 36, 38.729,
134.084

■ 37, 32.708,
134.630

■ 37, 26.365,
135.193

■ 38, 19.835,
135.738

■ 39, 13.217,

136.247

■ 40, 6.586, 136.715

Harmonies

Complementary

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



35, 56.356, 133.045



16, 57.802, 319.317

Rectangle

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



35, 56.356, 133.045



35, 56.356, 183.045



35, 56.356, 313.045



35, 56.356, 3.045

Sweetspot

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



35, 56.254, 133.114



49, 24.712, 135.689



31, 40.888, 83.395



25, 16.982, 135.533



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, 56.254, 133.114



46, 68.315, 133.497



35, 52.415, 140.573



20, 3.732, 136.765



41, 63.142, 133.356



84, 111.381, 134.073

Inverse Universe

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



16, 57.802, 319.317



23, 69.950, 319.067



20, 47.602, 339.332



18, 3.756, 317.438



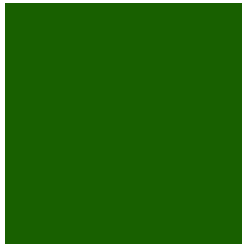
20, 64.737, 319.161



47, 113.462, 318.648

Previews

White Background



This preview shows how the CIELCh color 35, 56.356, 133.045 looks on a white background.

Color Contrast Check

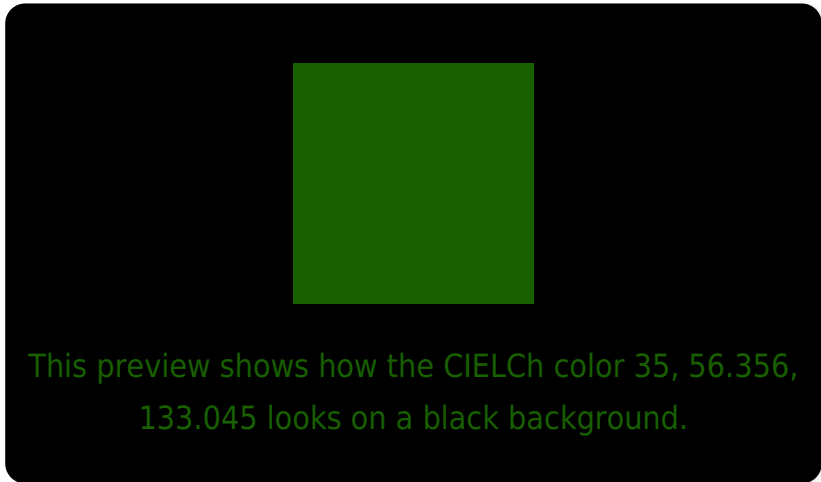
Large Text (above 18pt) WCAG AA ✓ Pass

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

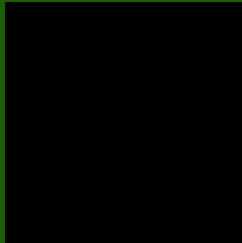
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 56.356, 133.045

Background



This preview shows how black text looks on a background with the CIELCh color 35, 56.356, 133.045.



This preview shows how white text looks on a background with the CIELCh color 35, 56.356, 133.045.

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, 56.480, 133.224

Protanopia
35, 42.916, 95.193

Deuteranopia
35, 36.507, 83.270



Tritanopia
35, 15.433, 214.158

Trichromacy



Original Color
35, 56.480, 133.224

Protanomaly
34, 45.454, 114.834

Deuteranomaly
34, 39.436, 110.858

Tritanomaly
34, 28.213, 154.614

Monochromacy



Original Color
35, 56.480, 133.224

Achromatopsia
27, 0.004, 296.813

Achromatomaly
29, 25.060, 134.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 56.356, 133.045 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(24, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(24, 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(24, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 96, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 56.356, 133.045 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(24, 96, 0) }
```

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

```
.border{ border-color:rgb(24, 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(24, 96, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 96, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 96, 0); box-shadow:4px  
4px 4px 4px rgb(24, 96, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 56.356, 133.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 96, 0) }
```

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

```
.background{ background-color: rgb(24, 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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