

Converting Colors

CIELCh(36, 57.669, 133.281)

Have a look what the booklet for
CIELCh(36, 57.669, 133.281)
contains.

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Color

CIELCh(36, 57.383, 133.343)

Conversions

Conversions Part 1

Format	Color
Hex	196200
RGB	25, 98, 0
RGB Percent	10%, 38%, 0%
CMY	0.9038, 0.6142, 0.9984
CMYK	0.75, 0.00, 1.00, 0.61
HSL	105°, 99%, 19%
HSV	105°, 100%, 39%
XYZ	4.7951, 9.0082, 1.4980
YIQ	65.0010, -12.0500, -45.9540

Conversions

Conversions Part 2

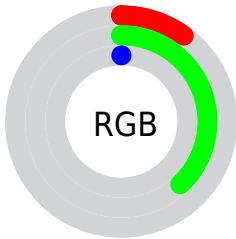
Format	Color
RYB	0, 98, 73
Decimal	1663488
CIELab	36.00, -39.39, 41.73
CIELCh	36, 57.383, 133.343
Yxy	9.0082, 0.3134, 0.5887
Android (android.graphics.Color)	4279853568 (0xFF196200)
YUV	65.0010, -32.0455, -35.0809
Hunter-Lab	30.0136, -24.0059, 18.0504

Details

The CIELCh color **36, 57.383, 133.343** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **17, 58.724, 319.608**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 57.562, 133.273**, and **17, 36.175, 139.074** is the 20% darker color. If you saturate the color by 10%, you get **36, 57.528, 133.327**, and if you desaturate by 10%, it is **36, 54.028, 133.474**.

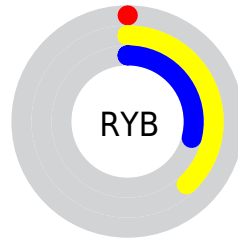
Distribution



Red (10%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (29%)

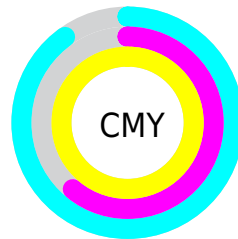


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (90%)


Magenta (61%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 57.383, 133.343 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 36, 57.383, 133.343 by changing the saturation by 10% instead.


 36, 57.383,
133.343


 36, 57.383,
133.343

 100, 57.383,
133.343


 26, 57.383,
133.343

 56, 57.383,
133.343


 16, 57.383,
133.343


 66, 57.383,
133.343

 6, 57.383, 133.343

 76, 57.383,
133.343

 0, 57.383, 133.343

 86, 57.383,
133.343

 96, 57.383,
133.343

■ 36, 57.383,
133.343

■ 36, 57.383,
133.343

■ 36, 57.528,
133.327

■ 36, 54.028,
133.474

■ 37, 50.098,
133.537

■ 37, 45.166,
133.866

■ 37, 39.491,
134.354

■ 38, 33.302,
134.916

■ 39, 26.784,
135.492

■ 39, 20.076,
136.047

■ 40, 13.279,

136.562

■ 41, 6.471, 137.034

Harmonies

Complementary

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



36, 57.383, 133.343



17, 58.724, 319.608

Rectangle

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



36, 57.383, 133.343



36, 57.383, 183.343



36, 57.383, 313.343



36, 57.383, 3.343

Sweetspot

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



36, 57.383, 133.344



50, 25.201, 135.976



33, 41.769, 84.790



25, 17.034, 135.821



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 57.383, 133.344



46, 69.474, 133.680



36, 52.847, 141.009



20, 3.742, 137.067



41, 63.270, 133.518



83, 111.585, 134.216

Inverse Universe

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



17, 58.724, 319.608



24, 70.869, 319.372



21, 47.897, 340.346



18, 3.766, 317.744



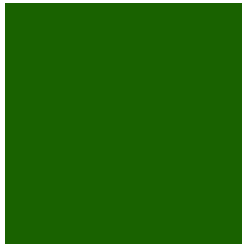
20, 64.637, 319.480



47, 113.269, 318.982

Previews

White Background



This preview shows how the CIELCh color 36, 57.383, 133.343 looks on a white background.

Color Contrast Check

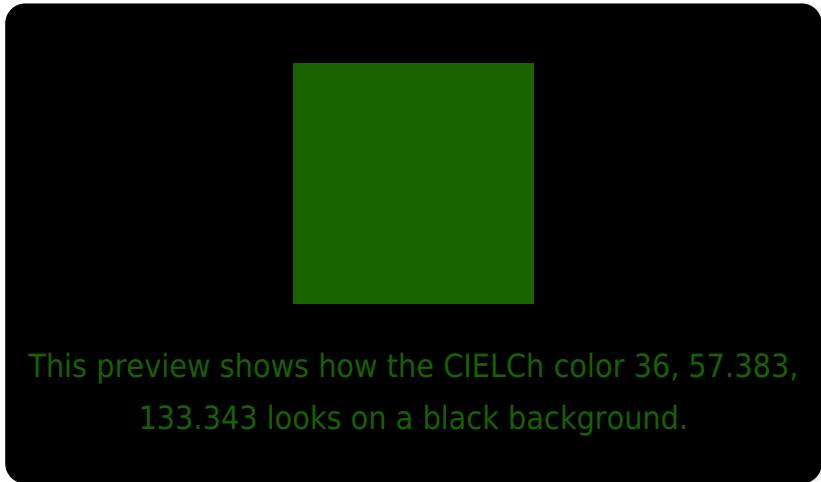
Large Text (above 18pt) WCAG AA ✓ Pass

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 36, 57.383, 133.343

Background



This preview shows how black text looks on a background with the CIELCh color 36, 57.383, 133.343.



This preview shows how white text looks on a background with the CIELCh color 36, 57.383, 133.343.

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
36, 57.262, 133.171

Protanopia
36, 43.888, 96.093

Deuteranopia
36, 37.130, 82.899



Tritanopia
36, 15.777, 216.128

Trichromacy



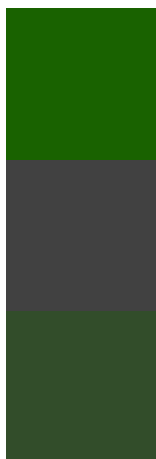
Original Color
36, 57.262, 133.171

Protanomaly
35, 46.700, 115.640

Deuteranomaly
35, 40.392, 111.356

Tritanomaly
36, 29.026, 154.655

Monochromacy



Original Color
36, 57.262, 133.171

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 25.187, 135.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 57.383, 133.343 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(25, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(25, 98, 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(25, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 98, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 57.383, 133.343 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(25, 98, 0) }
```

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

```
.border{ border-color:rgb(25, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 98, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 98, 0); box-shadow:4px  
4px 4px 4px rgb(25, 98, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 57.383, 133.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 98, 0) }
```

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

```
.background{ background-color: rgb(25, 98,  
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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