

Converting Colors

CIELCh(36, 57.384, 133.348)

Have a look what the booklet for
CIELCh(36, 57.384, 133.348)
contains.

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Color

CIELCh(36, 57.262, 133.171)

Conversions

Conversions Part 1

Format	Color
Hex	196200
RGB	25, 98, 0
RGB Percent	10%, 38%, 0%
CMY	0.9002, 0.6144, 0.9986
CMYK	0.74, 0.00, 1.00, 0.61
HSL	105°, 99%, 19%
HSV	105°, 100%, 39%
XYZ	4.81113, 9.0082, 1.4952
YIQ	65.0010, -12.0500, -45.9540

Conversions

Conversions Part 2

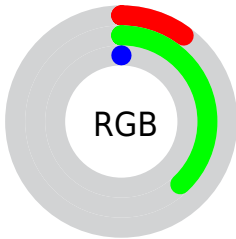
Format	Color
RYB	0, 98, 73
Decimal	1663488
CIELab	36.00, -39.18, 41.76
CIElCh	36, 57.262, 133.171
Yxy	9.0082, 0.3142, 0.5882
Android (android.graphics.Color)	4279853568 (0xFF196200)
YUV	65.0010, -32.0455, -35.0809
Hunter-Lab	30.0136, -23.9093, 18.0559

Details

The CIELCh color **36, 57.262, 133.171** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **17, 58.810, 319.292**, 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, 57.384, 133.159**, and if you desaturate by 10%, it is **36, 53.896, 133.278**.

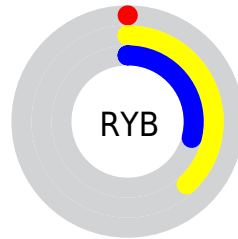
Distribution



Red (10%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (29%)

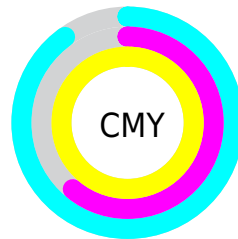


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (90%)


Magenta (61%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 57.262, 133.171 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, 57.262, 133.171 by changing the saturation by 10% instead.


 36, 57.262,
133.171


 36, 57.262,
133.171

 100, 57.262,
133.171


 26, 57.262,
133.171

 56, 57.262,
133.171


 16, 57.262,
133.171


 66, 57.262,
133.171

 6, 57.262, 133.171

 76, 57.262,
133.171

 0, 57.262, 133.171

 86, 57.262,
133.171

 96, 57.262,
133.171

■ 36, 57.262,
133.171

■ 36, 57.262,
133.171

■ 36, 57.384,
133.159

■ 36, 53.896,
133.278

■ 37, 49.974,
133.314

■ 37, 45.055,
133.621

■ 37, 39.397,
134.092

■ 38, 33.229,
134.640

■ 39, 26.735,
135.205

■ 39, 20.051,
135.751

■ 40, 13.279,

136.261

■ 41, 6.495, 136.729

Harmonies

Complementary

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



36, 57.262, 133.171



17, 58.810, 319.292

Rectangle

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



36, 57.262, 133.171



36, 57.262, 183.171



36, 57.262, 313.171



36, 57.262, 3.171

Sweetspot

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



36, 57.262, 133.172



50, 25.125, 135.685



32, 41.552, 83.360



25, 16.982, 135.532



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, 57.262, 133.172



46, 69.337, 133.521



36, 53.410, 140.543



20, 3.732, 136.764



41, 63.142, 133.356



84, 111.381, 134.073

Inverse Universe

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



17, 58.810, 319.292



24, 70.981, 319.050



21, 48.434, 339.345



18, 3.756, 317.438



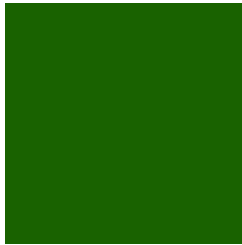
20, 64.737, 319.161



47, 113.462, 318.648

Previews

White Background



This preview shows how the CIELCh color 36, 57.262, 133.171 looks on a white background.

Color Contrast Check

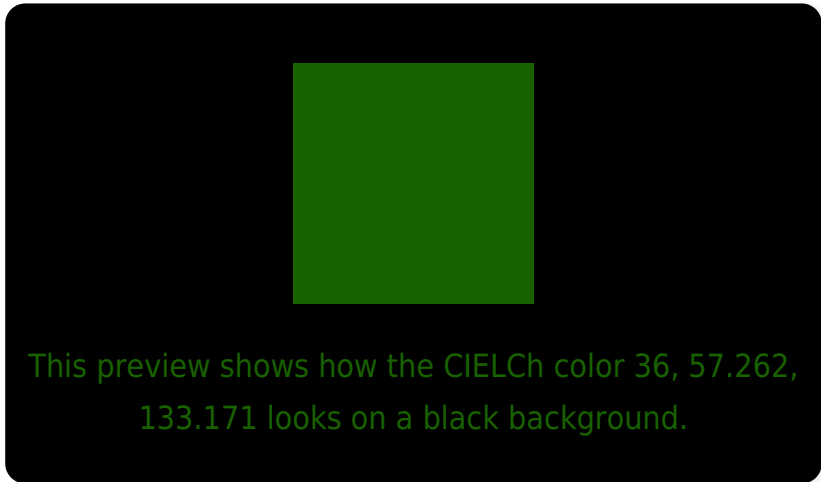
Large Text (above 18pt) WCAG AA ✓ Pass

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

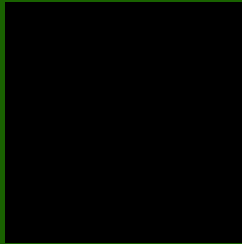
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 57.262, 133.171

Background



This preview shows how black text looks on a background with the CIELCh color 36, 57.262, 133.171.



This preview shows how white text looks on a background with the CIELCh color 36, 57.262, 133.171.

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, 46.581, 115.080

Deuteranomaly
35, 40.649, 110.559

Tritanomaly
36, 29.026, 154.655

Monochromacy



Original Color
36, 57.262, 133.171

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 25.496, 134.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 57.262, 133.171 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, 57.262, 133.171 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, 57.262, 133.171 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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