

Converting Colors

CIELCh(36, 53.843, 140.457)

Have a look what the booklet for
CIELCh(36, 53.843, 140.457)
contains.

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Color

CIELCh(36, 53.843, 140.457)

Conversions

Conversions Part 1

Format	Color
Hex	006317
RGB	0, 99, 23
RGB Percent	0%, 39%, 9%
CMY	0.9991, 0.6113, 0.9094
CMYK	1.00, 0.00, 0.77, 0.61
HSL	134°, 100%, 19%
HSV	134°, 100%, 39%
XYZ	4.6308, 9.0082, 2.3111
YIQ	60.7350, -34.6080, -44.6240

Conversions

Conversions Part 2

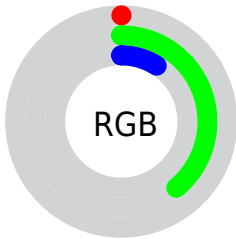
Format	Color
RYB	0, 80, 99
Decimal	25367
CIELab	36.00, -41.52, 34.28
CIELCh	36, 53.843, 140.457
Yxy	9.0082, 0.2903, 0.5648
Android (android.graphics.Color)	4278215447 (0xFF006317)
YUV	60.7350, -18.6034, -53.2646
Hunter-Lab	30.0136, -24.9832, 16.4440

Details

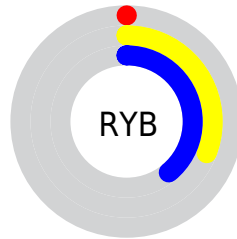
The CIELCh color **36, 53.843, 140.457** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21, 48.788, 339.262**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 54.094, 140.399**, and **17, 36.761, 138.832** is the 20% darker color. If you saturate the color by 10%, you get **36, 53.917, 140.431**, and if you desaturate by 10%, it is **36, 50.341, 141.862**.

Distribution



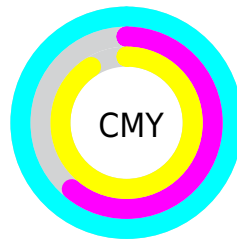
- Red (0%)
- Green (39%)
- Blue (9%)



- Red (0%)
- Yellow (31%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (61%)





- Cyan (100%)
- Magenta (61%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 53.843, 140.457 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, 53.843, 140.457 by changing the saturation by 10% instead.


 36, 53.843,
140.457


 36, 53.843,
140.457

 100, 53.843,
140.457


 26, 53.843,
140.457

 56, 53.843,
140.457


 16, 53.843,
140.457


 66, 53.843,
140.457

 6, 53.843, 140.457

 76, 53.843,
140.457

 0, 53.843, 140.457

 86, 53.843,
140.457

 96, 53.843,
140.457

■ 36, 53.843,
140.457

■ 36, 53.843,
140.457

■ 36, 53.917,
140.431

■ 36, 50.341,
141.862

■ 36, 46.314,
143.464

■ 37, 41.643,
144.963

■ 37, 36.429,
146.325

■ 38, 30.784,
147.538

■ 38, 24.824,
148.605

■ 39, 18.660,
149.538

■ 40, 12.391,

150.355

■ 41, 6.101, 151.078

Harmonies

Complementary

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



36, 53.843, 140.457



21, 48.788, 339.262

Rectangle

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



36, 53.843, 140.457



36, 53.843, 190.457



36, 53.843, 320.457



36, 53.843, 10.457

Sweetspot

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



36, 53.843, 140.458



51, 23.500, 149.438



39, 49.720, 114.933



26, 16.144, 149.167



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



36, 53.843, 140.458



47, 66.341, 139.833



37, 33.834, 164.616



19, 3.434, 151.142



41, 59.257, 140.137



83, 106.444, 138.980

Inverse Universe

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



21, 48.788, 339.262



29, 58.967, 339.706



19, 43.299, 18.783



18, 3.446, 332.146



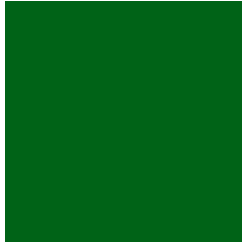
24, 53.178, 339.487



54, 92.036, 340.383

Previews

White Background



This preview shows how the CIELCh color 36, 53.843, 140.457 looks on a white background.

Color Contrast Check

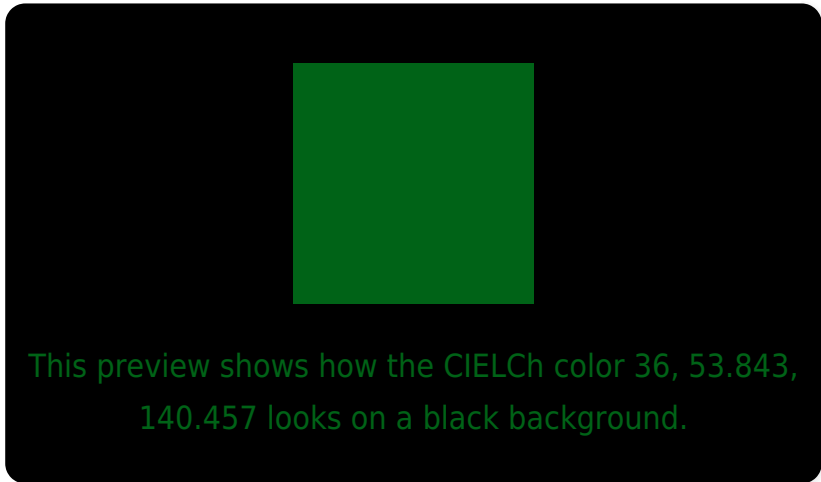
Large Text (above 18pt) WCAG AA ✓ Pass

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

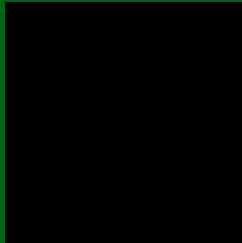
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 53.843, 140.457

Background



This preview shows how black text looks on a background with the CIELCh color 36, 53.843, 140.457.



This preview shows how white text looks on a background with the CIELCh color 36, 53.843, 140.457.

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, 53.843, 140.457

Protanopia

36, 37.278, 96.050

Deuteranopia

36, 32.798, 82.023



Tritanopia
36, 17.448, 214.091

Trichromacy



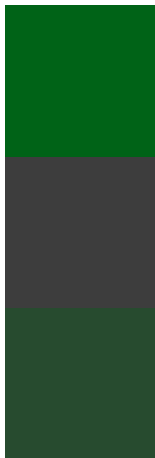
Original Color
36, 53.843, 140.457

Protanomaly
35, 41.299, 123.378

Deuteranomaly
35, 36.128, 119.944

Tritanomaly
36, 28.323, 165.570

Monochromacy



Original Color
36, 53.843, 140.457

Achromatopsia
26, 0.004, 296.813

Achromatomaly
29, 23.825, 147.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 53.843, 140.457 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(0, 99, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 23)  
}
```

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(0, 99, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 53.843, 140.457 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(0, 99, 23) }
```

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

```
.border{ border-color:rgb(0, 99, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 23); box-shadow:4px  
4px 4px 4px rgb(0, 99, 23) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 53.843, 140.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 23) }
```

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

```
.background{ background-color: rgb(0, 99,  
23) }
```

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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