

Converting Colors

CIELCh(34, 43.542, 146.856)

Have a look what the booklet for
CIELCh(34, 43.542, 146.856)
contains.

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Color

CIELCh(34, 43.516, 146.943)

Conversions

Conversions Part 1

Format	Color
Hex	065D28
RGB	6, 93, 40
RGB Percent	2%, 36%, 16%
CMY	0.9770, 0.6355, 0.8434
CMYK	0.94, 0.00, 0.57, 0.64
HSL	143°, 88%, 19%
HSV	143°, 94%, 36%
XYZ	4.3643, 8.0082, 3.3181
YIQ	60.9450, -34.8390, -34.9270

Conversions

Conversions Part 2

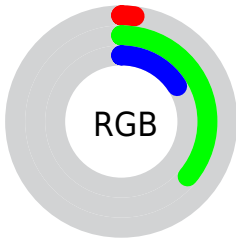
Format	Color
RYB	6, 69, 93
Decimal	417064
CIELab	34.00, -36.47, 23.74
CIELCh	34, 43.516, 146.943
Yxy	8.0082, 0.2781, 0.5104
Android (android.graphics.Color)	4278607144 (0xFF065D28)
YUV	60.9450, -10.3259, -48.1868
Hunter-Lab	28.2988, -21.9941, 12.8573

Details

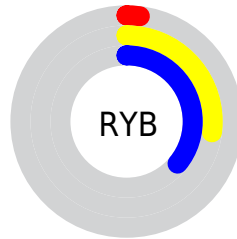
The CIELCh color **34, 43.516, 146.943** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 41.285, 348.827**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 43.246, 147.314**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 45.557, 145.935**, and if you desaturate by 10%, it is **34, 40.168, 148.743**.

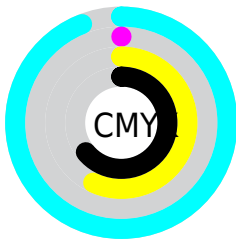
Distribution



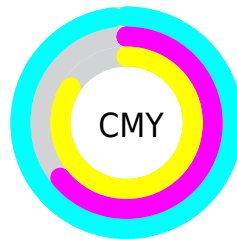
- Red (2%)
- Green (36%)
- Blue (16%)



- Red (2%)
- Yellow (27%)
- Blue (36%)



- Cyan (94%)
- Magenta (0%)
- Yellow (57%)
- Black (64%)





- Cyan (98%)
- Magenta (64%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 43.516, 146.943 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 34, 43.516, 146.943 by changing the saturation by 10% instead.


 34, 43.516,
146.943


 34, 43.516,
146.943


 100, 43.516,
146.943


 24, 43.516,
146.943

 54, 43.516,
146.943


 14, 43.516,
146.943


 64, 43.516,
146.943

 4, 43.516, 146.943

 74, 43.516,
146.943

 0, 43.516, 146.943

 84, 43.516,
146.943

 94, 43.516,
146.943

■ 34, 43.516,
146.943

■ 34, 43.516,
146.943

■ 34, 45.557,
145.935

■ 34, 40.168,
148.743

■ 35, 36.395,
150.429

■ 35, 32.193,
151.941

■ 35, 27.622,
153.282

■ 36, 22.759,
154.467

■ 37, 17.683,
155.513

■ 37, 12.474,
156.442

■ 38, 7.202, 157.274

Harmonies

Complementary

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



34, 43.516, 146.943



19, 41.285, 348.827

Rectangle

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



34, 43.516, 146.943



34, 43.516, 196.943



34, 43.516, 326.943



34, 43.516, 16.943

Sweetspot

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



34, 43.516, 146.943



47, 18.167, 155.975



36, 47.768, 122.417



24, 12.626, 155.693



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



34, 43.516, 146.943



44, 55.383, 145.209



35, 25.846, 181.770



18, 2.916, 157.657



40, 51.716, 145.444



83, 94.221, 143.940

Inverse Universe

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



19, 41.285, 348.827



25, 50.549, 350.936



18, 42.338, 28.841



17, 2.937, 338.792



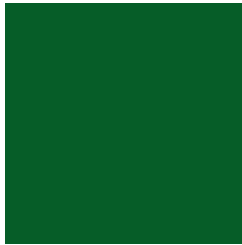
23, 47.530, 350.633



52, 82.814, 352.681

Previews

White Background



This preview shows how the CIELCh color 34, 43.516, 146.943 looks on a white background.

Color Contrast Check

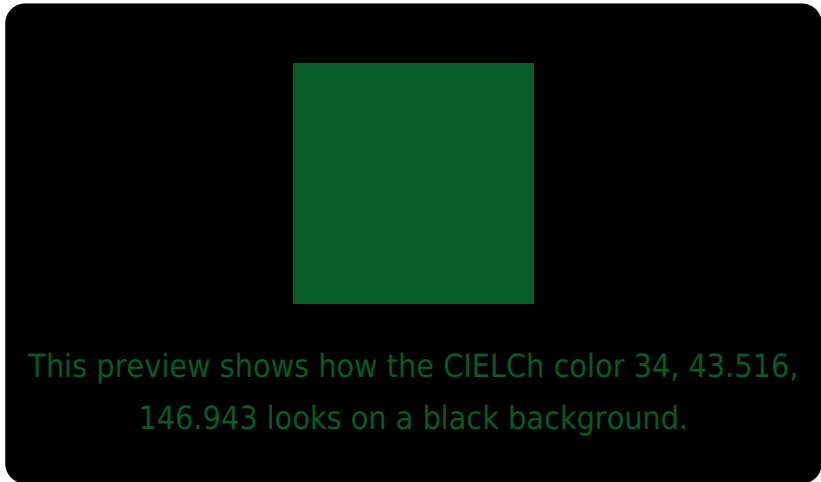
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 43.516, 146.943

Background



This preview shows how black text looks on a background with the CIELCh color 34, 43.516, 146.943.



This preview shows how white text looks on a background with the CIELCh color 34, 43.516, 146.943.

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

34, 43.516, 146.943

Protanopia

34, 27.061, 95.807

Deuteranopia

34, 22.428, 77.253



Tritanopia
34, 17.075, 212.371

Trichromacy



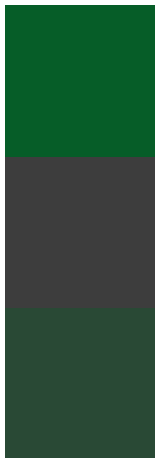
Original Color
34, 43.516, 146.943

Protanomaly
33, 31.364, 128.146

Deuteranomaly
33, 25.185, 124.693

Tritanomaly
34, 24.112, 173.115

Monochromacy



Original Color
34, 43.516, 146.943

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 18.968, 153.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 43.516, 146.943 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(6, 93, 40)` looks like.

```
.text, #text, p{  
    color:rgb(6, 93, 40)  
}
```

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(6, 93, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 93, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 43.516, 146.943 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(6, 93, 40) }
```

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

```
.border{ border-color:rgb(6, 93, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 93, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 93, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 93, 40); box-shadow:4px  
4px 4px 4px rgb(6, 93, 40) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 43.516, 146.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 93, 40) }
```

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

```
.background{ background-color: rgb(6, 93,  
40) }
```

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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