

Converting Colors

CIELCh(34, 42.845, 147.808)

Have a look what the booklet for
CIELCh(34, 42.845, 147.808)
contains.

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Color

CIELCh(34, 42.723, 148.007)

Conversions

Conversions Part 1

Format	Color
Hex	055D2A
RGB	5, 93, 42
RGB Percent	2%, 36%, 16%
CMY	0.9812, 0.6357, 0.8356
CMYK	0.95, 0.00, 0.55, 0.64
HSL	145°, 90%, 19%
HSV	145°, 95%, 36%
XYZ	4.3818, 8.0082, 3.4967
YIQ	60.8740, -36.0770, -34.5170

Conversions

Conversions Part 2

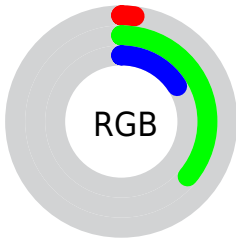
Format	Color
RYB	5, 67, 93
Decimal	351530
CIELab	34.00, -36.23, 22.64
CIELCh	34, 42.723, 148.007
Yxy	8.0082, 0.2758, 0.5041
Android (android.graphics.Color)	4278541610 (0xFF055D2A)
YUV	60.8740, -9.3049, -49.0015
Hunter-Lab	28.2988, -21.8842, 12.4831

Details

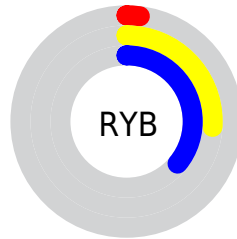
The CIELCh color **34, 42.723, 148.007** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 40.892, 351.287**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 42.374, 148.252**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 44.351, 147.175**, and if you desaturate by 10%, it is **34, 39.501, 149.820**.

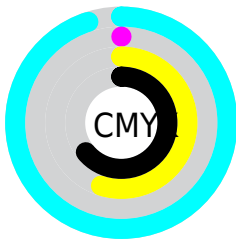
Distribution



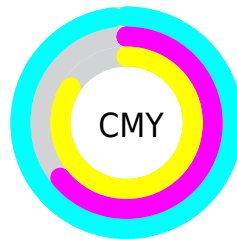
- Red (2%)
- Green (36%)
- Blue (16%)



- Red (2%)
- Yellow (26%)
- Blue (36%)



- Cyan (95%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 42.723, 148.007 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, 42.723, 148.007 by changing the saturation by 10% instead.


 34, 42.723,
148.007


 34, 42.723,
148.007

 100, 42.723,
148.007


 24, 42.723,
148.007

 54, 42.723,
148.007


 14, 42.723,
148.007


 64, 42.723,
148.007

 4, 42.723, 148.007

 74, 42.723,
148.007

 0, 42.723, 148.007

 84, 42.723,
148.007

 94, 42.723,
148.007

■ 34, 42.723,
148.007

■ 34, 42.723,
148.007

■ 34, 44.351,
147.175

■ 34, 39.501,
149.820

■ 35, 35.894,
151.543

■ 35, 31.863,
153.088

■ 35, 27.464,
154.460

■ 36, 22.765,
155.674

■ 37, 17.844,
156.750

■ 37, 12.777,
157.706

■ 38, 7.636, 158.565

Harmonies

Complementary

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



34, 42.723, 148.007



19, 40.892, 351.287

Rectangle

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



34, 42.723, 148.007



34, 42.723, 198.007



34, 42.723, 328.007



34, 42.723, 18.007

Sweetspot

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



34, 42.723, 148.007



47, 17.749, 157.334



35, 48.593, 123.792



24, 12.333, 157.047



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, 42.723, 148.007



44, 53.931, 146.437



35, 25.140, 185.580



18, 2.852, 159.051



40, 50.360, 146.675



83, 91.759, 145.141

Inverse Universe

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



19, 40.892, 351.287



25, 49.879, 353.389



18, 43.353, 30.797



17, 2.876, 340.217



23, 46.894, 353.050



52, 81.787, 355.340

Previews

White Background



This preview shows how the CIELCh color 34, 42.723, 148.007 looks on a white background.

Color Contrast Check

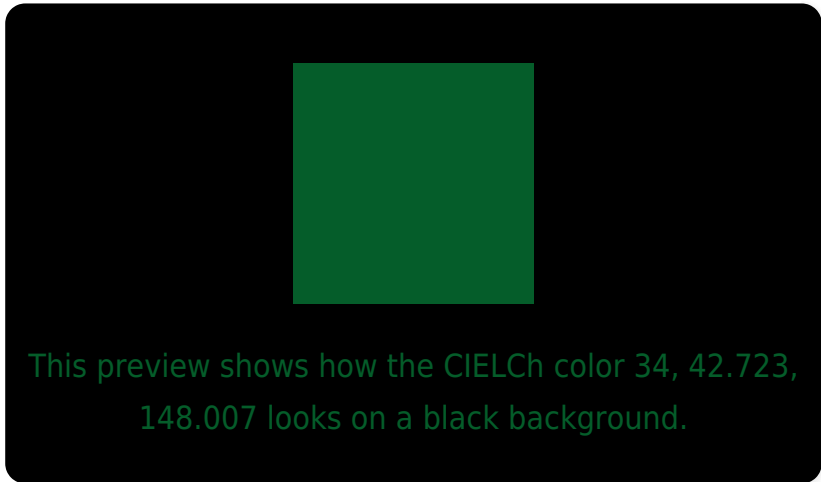
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.723, 148.007

Background



This preview shows how black text looks on a background with the CIELCh color 34, 42.723, 148.007.



This preview shows how white text looks on a background with the CIELCh color 34, 42.723, 148.007.

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, 42.723, 148.007

Protanopia
34, 25.958, 95.630

Deuteranopia
34, 21.618, 77.770



Tritanopia
34, 17.294, 212.150

Trichromacy



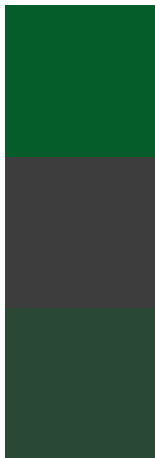
Original Color
34, 42.723, 148.007

Protanomaly
33, 30.538, 129.745

Deuteranomaly
32, 24.426, 127.624

Tritanomaly
34, 23.944, 174.577

Monochromacy



Original Color
34, 42.723, 148.007

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 18.498, 155.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 42.723, 148.007 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(5, 93, 42)` looks like.

```
.text, #text, p{  
    color:rgb(5, 93, 42)  
}
```

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(5, 93, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 93, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 42.723, 148.007 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(5, 93, 42) }
```

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

```
.border{ border-color:rgb(5, 93, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 93, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 93, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 93, 42); box-shadow:4px  
4px 4px 4px rgb(5, 93, 42) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 42.723, 148.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 93, 42) }
```

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

```
.background{ background-color: rgb(5, 93,  
42) }
```

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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