

Converting Colors

CIELCh(34, 42.661, 147.076)

Have a look what the booklet for
CIELCh(34, 42.661, 147.076)
contains.

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Color

CIELCh(34, 42.743, 147.006)

Conversions

Conversions Part 1

Format	Color
Hex	0A5D29
RGB	10, 93, 41
RGB Percent	4%, 36%, 16%
CMY	0.9626, 0.6362, 0.8400
CMYK	0.90, 0.00, 0.56, 0.64
HSL	143°, 81%, 20%
HSV	143°, 90%, 36%
XYZ	4.4100, 8.0082, 3.3921
YIQ	62.2550, -32.7760, -33.7680

Conversions

Conversions Part 2

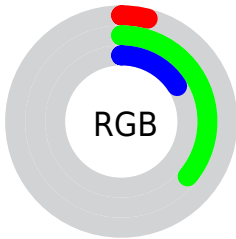
Format	Color
RYB	10, 70, 93
Decimal	679209
CIELab	34.00, -35.85, 23.28
CIELCh	34, 42.743, 147.006
Yxy	8.0082, 0.2789, 0.5065
Android (android.graphics.Color)	4278869289 (0xFF0A5D29)
YUV	62.2550, -10.4787, -45.8276
Hunter-Lab	28.2988, -21.7061, 12.7023

Details

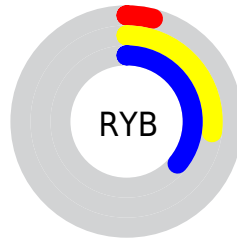
The CIELCh color **34, 42.743, 147.006** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 40.880, 346.956**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 42.405, 147.242**, and **15, 33.785, 140.203** is the 20% darker color. If you saturate the color by 10%, you get **34, 46.022, 145.360**, and if you desaturate by 10%, it is **34, 39.202, 148.780**.

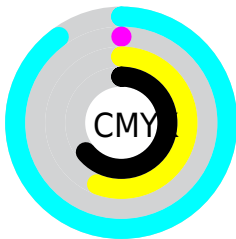
Distribution



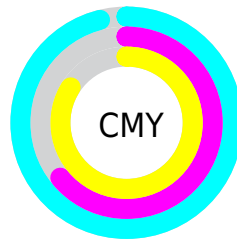
- Red (4%)
- Green (36%)
- Blue (16%)



- Red (4%)
- Yellow (27%)
- Blue (36%)



- Cyan (90%)
- Magenta (0%)
- Yellow (56%)
- Black (64%)





- Cyan (96%)
- Magenta (64%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 42.743, 147.006 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, 42.743, 147.006 by changing the saturation by 10% instead.

 34, 42.743,
147.006


 34, 42.743,
147.006

 100, 42.743,
147.006

 24, 42.743,
147.006

 54, 42.743,
147.006

 14, 42.743,
147.006

 64, 42.743,
147.006

 4, 42.743, 147.006

 74, 42.743,
147.006

 0, 42.743, 147.006

 84, 42.743,
147.006

 94, 42.743,
147.006

■ 34, 42.743,
147.006

■ 34, 42.743,
147.006

■ 34, 46.022,
145.360

■ 34, 39.202,
148.780

■ 34, 46.113,
145.319

■ 35, 35.198,
150.388

■ 35, 30.782,
151.822

■ 36, 26.023,
153.092

■ 36, 21.003,
154.213

■ 37, 15.804,
155.202

■ 38, 10.502,
156.081

■ 38, 5.165, 156.875

Harmonies

Complementary

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



34, 42.743, 147.006



19, 40.880, 346.956

Rectangle

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



34, 42.743, 147.006



34, 42.743, 197.006



34, 42.743, 327.006



34, 42.743, 17.006

Sweetspot

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



34, 42.743, 147.006



47, 17.739, 155.376



36, 46.286, 121.565



24, 12.039, 155.179



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, 42.743, 147.006



44, 56.135, 144.595



35, 25.769, 180.373



18, 2.950, 156.945



40, 52.418, 144.827



83, 95.488, 143.343

Inverse Universe

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



19, 40.880, 346.956



25, 50.943, 349.682



18, 40.458, 26.467



17, 2.970, 338.064



23, 47.903, 349.397



52, 83.436, 351.319

Previews

White Background



This preview shows how the CIELCh color 34, 42.743, 147.006 looks on a white background.

Color Contrast Check

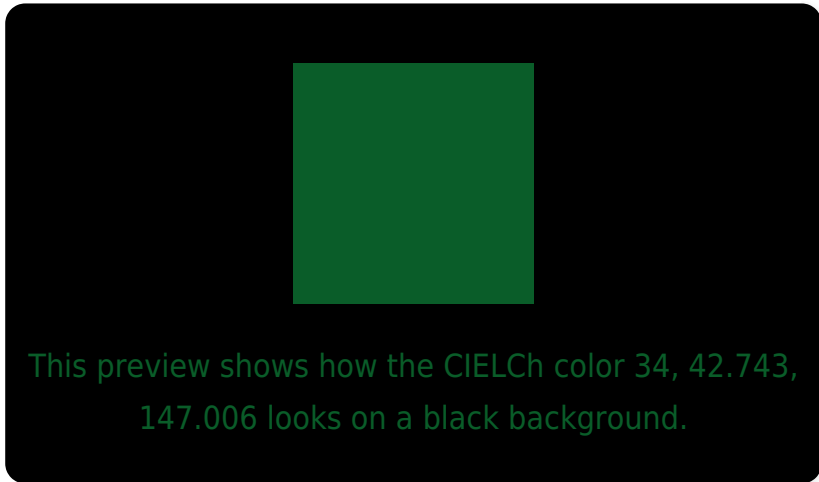
Large Text (above 18pt) WCAG AA ✓ Pass

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

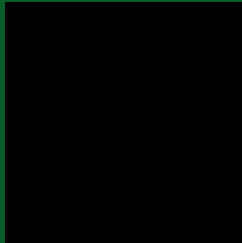
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 42.743, 147.006

Background



This preview shows how black text looks on a background with the CIELCh color 34, 42.743, 147.006.



This preview shows how white text looks on a background with the CIELCh color 34, 42.743, 147.006.

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, 42.743, 147.006

Protanopia

34, 26.512, 95.722

Deuteranopia

34, 22.161, 78.358



Tritanopia
34, 17.075, 212.371

Trichromacy



Original Color
34, 42.743, 147.006

Protanomaly
33, 30.673, 127.854

Deuteranomaly
33, 25.185, 124.693

Tritanomaly
34, 23.577, 174.280

Monochromacy



Original Color
34, 42.743, 147.006

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 17.940, 153.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 42.743, 147.006 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(10, 93, 41)` looks like.

```
.text, #text, p{  
    color:rgb(10, 93, 41)  
}
```

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(10, 93, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 93, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 42.743, 147.006 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(10, 93, 41) }
```

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

```
.border{ border-color:rgb(10, 93, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 93, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 93, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 93, 41);  
box-shadow:4px 4px 4px 4px rgb(10, 93, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 42.743, 147.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 93, 41) }
```

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

```
.background{ background-color: rgb(10, 93,  
41) }
```

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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