

Converting Colors

CIELCh(31, 41.970, 146.615)

Have a look what the booklet for
CIELCh(31, 41.970, 146.615)
contains.

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Color

CIELCh(31, 41.701, 146.952)

Conversions

Conversions Part 1

Format	Color
Hex	015523
RGB	1, 85, 35
RGB Percent	0%, 33%, 14%
CMY	0.9951, 0.6661, 0.8622
CMYK	0.99, 0.00, 0.59, 0.67
HSL	144°, 97%, 17%
HSV	144°, 99%, 33%
XYZ	3.5818, 6.6515, 2.6960
YIQ	54.1840, -34.0140, -33.3580

Conversions

Conversions Part 2

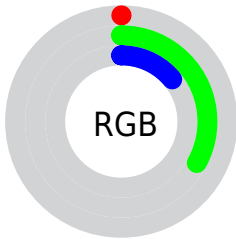
Format	Color
R_YB	1, 61, 85
Decimal	87331
CIE Lab	31.00, -34.95, 22.74
CIE LCh	31, 41.701, 146.952
Yxy	6.6515, 0.2770, 0.5145
Android (android.graphics.Color)	4278277411 (0xFF015523)
YUV	54.1840, -9.4577, -46.6424
Hunter-Lab	25.7905, -20.3434, 11.8554

Details

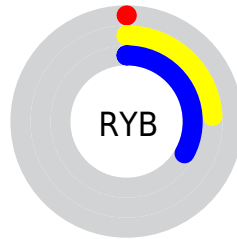
The CIELCh color **31, 41.701, 146.952** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **17, 39.529, 350.356**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 41.835, 146.833**, and **12, 29.257, 142.684** is the 20% darker color. If you saturate the color by 10%, you get **31, 42.152, 146.739**, and if you desaturate by 10%, it is **31, 38.619, 148.586**.

Distribution



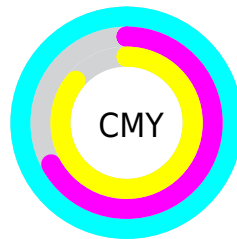
- Red (0%)
- Green (33%)
- Blue (14%)



- Red (0%)
- Yellow (24%)
- Blue (33%)



- Cyan (99%)
- Magenta (0%)
- Yellow (59%)
- Black (67%)





- Cyan (100%)
- Magenta (67%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 41.701, 146.952 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 31, 41.701, 146.952 by changing the saturation by 10% instead.


 31, 41.701,
146.952


 31, 41.701,
146.952

 100, 41.701,
146.952


 21, 41.701,
146.952

 51, 41.701,
146.952


 11, 41.701,
146.952


 61, 41.701,
146.952

 1, 41.701, 146.952

 71, 41.701,
146.952

 0, 41.701, 146.952

 81, 41.701,
146.952

 91, 41.701,
146.952

■ 31, 41.701,
146.952

■ 31, 41.701,
146.952

■ 31, 42.152,
146.739

■ 31, 38.619,
148.586

■ 31, 35.315,
150.325

■ 32, 31.606,
151.893

■ 32, 27.537,
153.292

■ 33, 23.171,
154.531

■ 33, 18.577,
155.627

■ 34, 13.830,
156.600

■ 35, 8.994, 157.470

Harmonies

Complementary

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



31, 41.701, 146.952



17, 39.529, 350.356

Rectangle

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



31, 41.701, 146.952



31, 41.701, 196.952



31, 41.701, 326.952



31, 41.701, 16.952

Sweetspot

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



31, 41.701, 146.952



43, 17.904, 156.372



32, 46.540, 123.058



22, 12.298, 156.126



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



31, 41.701, 146.952



40, 51.150, 145.951



32, 24.400, 183.382



17, 2.752, 158.244



39, 50.233, 146.017



82, 92.409, 144.448

Inverse Universe

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



17, 39.529, 350.356



23, 47.251, 351.637



15, 41.145, 29.117



16, 2.773, 339.374



22, 46.493, 351.549



51, 81.696, 353.763

Previews

White Background



This preview shows how the CIELCh color 31, 41.701, 146.952 looks on a white background.

Color Contrast Check

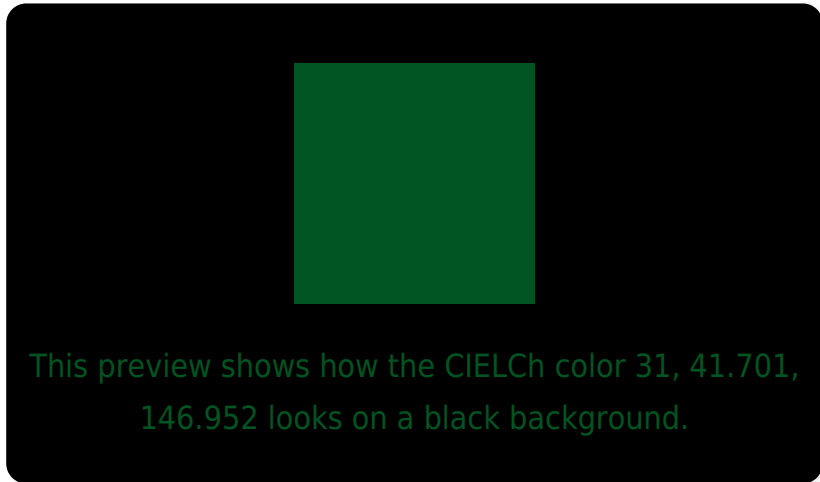
Large Text (above 18pt) WCAG AA ✓ Pass

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 31, 41.701, 146.952

Background



This preview shows how black text looks on a background with the CIELCh color 31, 41.701, 146.952.



This preview shows how white text looks on a background with the CIELCh color 31, 41.701, 146.952.

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

31, 41.701, 146.952

Protanopia

31, 26.109, 96.279

Deuteranopia

31, 22.212, 79.077



Tritanopia
31, 15.986, 211.272

Trichromacy



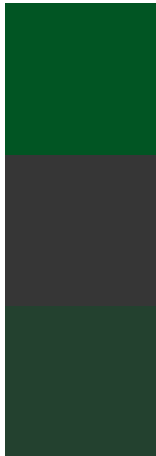
Original Color
31, 41.701, 146.952

Protanomaly
30, 29.466, 129.044

Deuteranomaly
30, 25.052, 126.018

Tritanomaly
31, 23.032, 173.297

Monochromacy



Original Color
31, 41.701, 146.952

Achromatopsia
23, 0.004, 296.813

Achromatomaly
25, 17.745, 154.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 41.701, 146.952 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(1, 85, 35)` looks like.

```
.text, #text, p{  
    color:rgb(1, 85, 35)  
}
```

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(1, 85, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 85, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 41.701, 146.952 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(1, 85, 35) }
```

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

```
.border{ border-color:rgb(1, 85, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 85, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 85, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 85, 35); box-shadow:4px  
4px 4px 4px rgb(1, 85, 35) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 41.701, 146.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 85, 35) }
```

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

```
.background{ background-color: rgb(1, 85,  
35) }
```

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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