

Converting Colors

CIELCh(31, 42.351, 142.252)

Have a look what the booklet for
CIELCh(31, 42.351, 142.252)
contains.

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Color

CIELCh(31, 42.692, 142.015)

Conversions

Conversions Part 1

Format	Color
Hex	11551D
RGB	17, 85, 29
RGB Percent	7%, 33%, 11%
CMY	0.9351, 0.6679, 0.8874
CMYK	0.80, 0.00, 0.66, 0.67
HSL	131°, 67%, 20%
HSV	131°, 80%, 33%
XYZ	3.6661, 6.6515, 2.2348
YIQ	58.2840, -22.5520, -31.8320

Conversions

Conversions Part 2

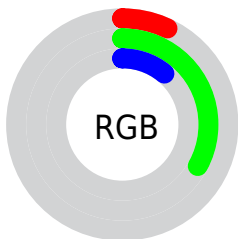
Format	Color
RYB	17, 75, 85
Decimal	1135901
CIELab	31.00, -33.65, 26.28
CIELCh	31, 42.692, 142.015
Yxy	6.6515, 0.2921, 0.5299
Android (android.graphics.Color)	4279325981 (0xFF11551D)
YUV	58.2840, -14.4370, -36.2061
Hunter-Lab	25.7905, -19.7596, 12.9156

Details

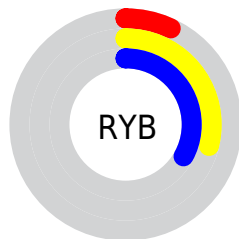
The CIELCh color **31, 42.692, 142.015** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 41.066, 334.709**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 43.093, 142.057**, and **12, 29.257, 142.684** is the 20% darker color. If you saturate the color by 10%, you get **31, 46.334, 140.579**, and if you desaturate by 10%, it is **31, 38.439, 143.401**.

Distribution



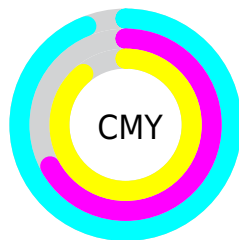
- Red (7%)
- Green (33%)
- Blue (11%)



- Red (7%)
- Yellow (29%)
- Blue (33%)



- Cyan (80%)
- Magenta (0%)
- Yellow (66%)
- Black (67%)





- Cyan (94%)
- Magenta (67%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 42.692, 142.015 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, 42.692, 142.015 by changing the saturation by 10% instead.


 31, 42.692,
142.015


 31, 42.692,
142.015

 100, 42.692,
142.015


 21, 42.692,
142.015

 51, 42.692,
142.015


 11, 42.692,
142.015


 61, 42.692,
142.015

 1, 42.692, 142.015

 71, 42.692,
142.015

 0, 42.692, 142.015

 81, 42.692,
142.015

 91, 42.692,
142.015

■ 31, 42.692,
142.015

■ 31, 42.692,
142.015

■ 31, 46.334,
140.579

■ 31, 38.439,
143.401

■ 31, 49.379,
139.528

■ 32, 33.675,
144.678

■ 32, 28.512,
145.827

■ 33, 23.062,
146.843

■ 33, 17.428,
147.735

■ 34, 11.701,
148.515

■ 35, 5.956, 149.203

■ 36, 0.252, 150.411

Harmonies

Complementary

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



31, 42.692, 142.015



19, 41.066, 334.709

Rectangle

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



31, 42.692, 142.015



31, 42.692, 192.015



31, 42.692, 322.015



31, 42.692, 12.015

Sweetspot

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



31, 42.692, 142.015



44, 17.002, 148.188



34, 38.563, 112.192



22, 11.775, 148.013



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, 42.692, 142.015



40, 58.987, 139.247



32, 27.813, 164.505



17, 3.247, 149.311



39, 58.925, 138.971



81, 107.458, 137.898

Inverse Universe

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



19, 41.066, 334.709



24, 53.781, 336.171



18, 32.867, 6.487



16, 3.256, 330.247



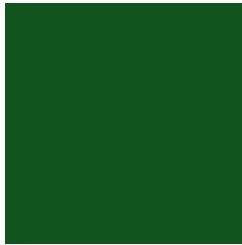
23, 53.465, 336.375



53, 94.226, 337.035

Previews

White Background



This preview shows how the CIELCh color 31, 42.692, 142.015 looks on a white background.

Color Contrast Check

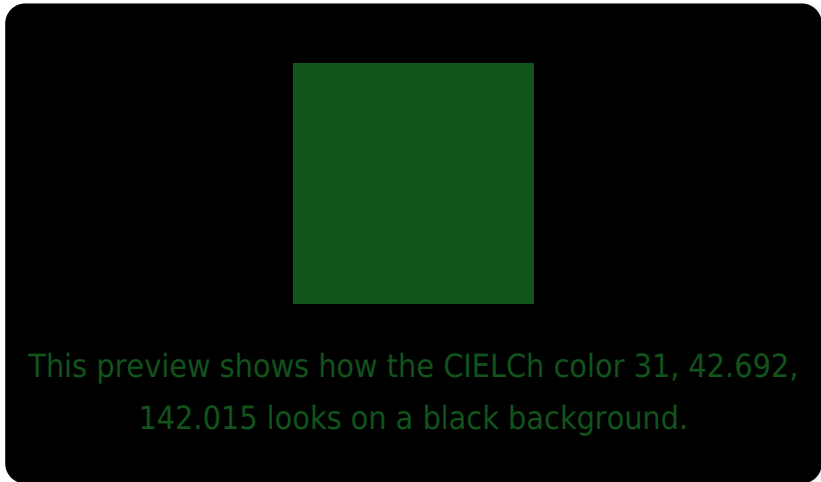
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.692, 142.015

Background



This preview shows how black text looks on a background with the CIELCh color 31, 42.692, 142.015.



This preview shows how white text looks on a background with the CIELCh color 31, 42.692, 142.015.

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

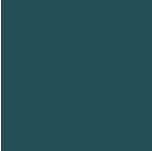
31, 42.692, 142.015

Protanopia

31, 29.381, 95.580

Deuteranopia

31, 24.701, 79.846



Tritanopia
31, 15.066, 214.862

Trichromacy



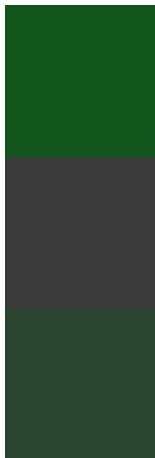
Original Color
31, 42.692, 142.015

Protanomaly
30, 31.937, 121.622

Deuteranomaly
30, 26.944, 118.037

Tritanomaly
31, 21.944, 168.555

Monochromacy



Original Color
31, 42.692, 142.015

Achromatopsia
24, 0.004, 296.813

Achromatomaly
26, 17.743, 146.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 42.692, 142.015 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(17, 85, 29)` looks like.

```
.text, #text, p{  
    color:rgb(17, 85, 29)  
}
```

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(17, 85, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 85, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 42.692, 142.015 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(17, 85, 29) }
```

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

```
.border{ border-color:rgb(17, 85, 29) }
```

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

Here you see how a box with a 4 pixel rgb(17, 85, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 85, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 85, 29);  
box-shadow:4px 4px 4px 4px rgb(17, 85, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 42.692, 142.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 85, 29) }
```

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

```
.background{ background-color: rgb(17, 85,  
29) }
```

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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