Converting Colors

CIELCh(15, 17.760, 141.450)

Have a look what the booklet for CIELCh(15, 17.760, 141.450) contains.

Color

CIELCh(15, 17.059, 141.597)

Conversions

Format	Color
Hex	162A16
RGB	22, 42, 22
RGB Percent	9%, 16%, 9%
CMY	0.9127, 0.8342, 0.9127
CMYK	0.47, 0.00, 0.47, 0.83
HSL	120°, 31%, 13%
HSV	120°, 47%, 17%
XYZ	1.3222, 1.9086, 1.0709
YIQ	33.7400, -5.5000, -10.4600

Conversions Part 1

Conversions

Conversions Part 2

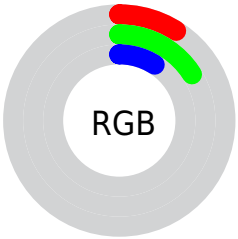
Format	Color
RYB	22, 42, 42
Decimal	1452566
CIELab	15.00, -13.37, 10.60
CIELCh	15, 17.059, 141.597
Yxy	1.9086, 0.3074, 0.4437
Android (android.graphics.Color)	4279642646 (0xFF162A16)
YUV	33.7400, -5.7878, -10.2960
Hunter-Lab	13.8151, -7.0925, 5.0745

Details

The CIELCh color 15, 17.059, 141.597 is a dark color, and the websafe version is hex 003333. A complement of this color would be 11, 17.034, 326.451, and the grayscale version is 13, 0.003, 296.813.

A 20% lighter version of the original color is 35, 17.259, 141.781, and 0, 0.000, 0.000 is the 20% darker color. If you saturate the color by 10%, you get 15, 20.437, 140.888, and if you desaturate by 10%, it is 15, 13.522, 142.339.

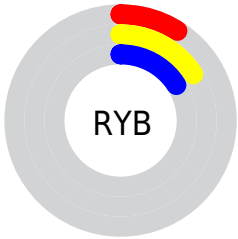
Distribution



Red (9%)

Green (16%)

Blue (9%)



Red (9%)

Yellow (16%)

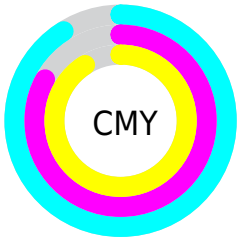
Blue (16%)

Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (83%)



Cyan (91%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 17.059, 141.597 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 15, 17.059, 141.597 by changing the saturation by 10% instead.

15, 17.059, 141.597

100, 17.059, 141.597

35, 17.059, 141.597

45, 17.059, 141.597

55, 17.059, 141.597

65, 17.059, 141.597

75, 17.059, 141.597

85, 17.059,

15, 17.059, 141.597

5, 17.059, 141.597

0, 17.059, 141.597

141.597

95, 17.059, 141.597

15, 17.059, 141.597

15, 20.437, 140.888

14, 23.414, 140.683

14, 25.931, 140.769

14, 28.318, 141.009

14, 30.815, 141.389

15, 17.059, 141.597

15, 13.522, 142.339

16, 9.911, 143.002

16, 6.273, 143.590

17, 2.644, 144.122

17, 0.948, 324.444

18, 4.483, 324.909

14, 31.497, 141.511

19, 7.945, 325.260

19, 11.326, 325.562

20, 14.620, 325.825

Harmonies

Complementary

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

15, 17.059, 141.597

11, 17.034, 326.451

Rectangle

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

15, 17.059, 141.597

15, 17.059, 191.597

15, 17.059, 321.597

15, 17.059, 11.597

Sweetspot

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

15, 17.059, 141.597

23, 6.419, 143.724

17, 13.439, 105.802

10, 4.317, 143.714

64, 0.008, 296.813

10, 0.003, 296.813

Same Dimension

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

15, 17.059, 141.597

20, 25.717, 140.491

15, 11.879, 159.101

6, 1.590, 144.455

30, 53.469, 136.009

74, 104.068, 136.014

Inverse Universe

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

11, 17.034, 326.451

14, 25.595, 326.959

10, 12.380, 346.404

6, 1.593, 324.393

18, 51.595, 328.209

50, 100.415, 328.207

Previews

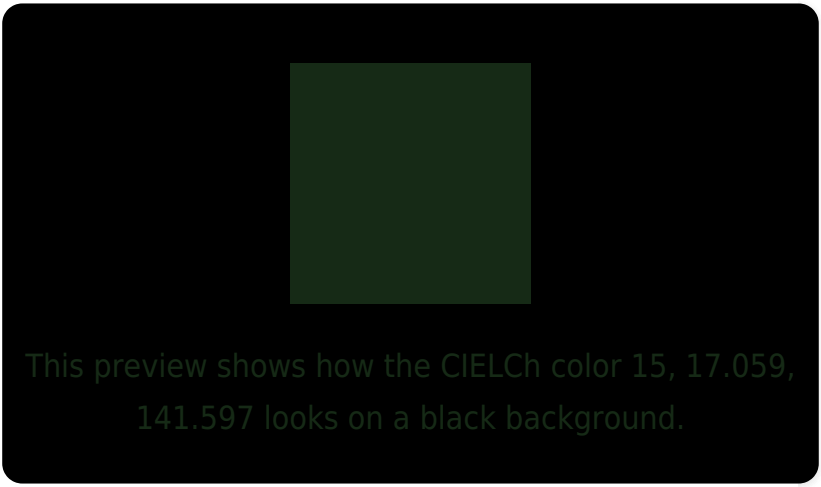
White Background

This preview shows how the CIELCh color 15, 17.059, 141.597 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

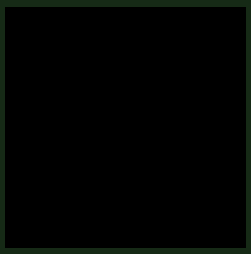


Color Contrast Check

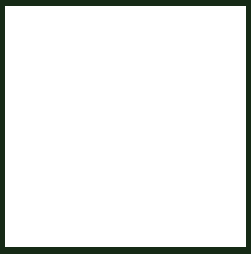
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 15, 17.059, 141.597 Background



This preview shows how black text looks on a background with the CIELCh color 15, 17.059, 141.597.



This preview shows how white text looks on a background with the CIELCh color 15, 17.059, 141.597.

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
15, 17.059, 141.597

Protanopia
15, 11.926, 98.897

Deuteranopia
15, 10.149, 75.090

Tritanopia
15, 5.965, 219.217

Trichromacy

Original Color
15, 17.059, 141.597

Protanomaly
15, 13.481, 120.275

Deuteranomaly
15, 10.467, 110.146

Tritanomaly
15, 8.596, 167.917

Monochromacy

Original Color
15, 17.059, 141.597

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 6.106, 143.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 17.059, 141.597 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(22, 42, 22) looks like.

```
.text, #text, p{
    color:rgb(22, 42, 22)
}
```

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(22, 42, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 42, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 17.059, 141.597 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(22, 42, 22) }
```

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

```
.border{ border-color:rgb(22, 42, 22) }
```

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

Here you see how a box with a 4 pixel rgb(22, 42, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(22, 42, 22); -webkit-box-shadow:4px 4px 4px 4px rgb(22, 42, 22); box-shadow:4px 4px 4px 4px rgb(22, 42, 22) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 17.059, 141.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(22, 42, 22) }
```

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

```
.background{ background-color:rgb(22, 42,
22) }
```

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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