

Converting Colors

CIELCh(15, 25.770, 133.273)

Have a look what the booklet for
CIELCh(15, 25.770, 133.273)
contains.

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Color

CIELCh(15, 25.417, 133.552)

Conversions

Conversions Part 1

Format	Color
Hex	132B07
RGB	19, 43, 7
RGB Percent	7%, 17%, 3%
CMY	0.9245, 0.8301, 0.9707
CMYK	0.56, 0.00, 0.83, 0.83
HSL	100°, 71%, 10%
HSV	100°, 83%, 17%
XYZ	1.1902, 1.9086, 0.5202
YIQ	31.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

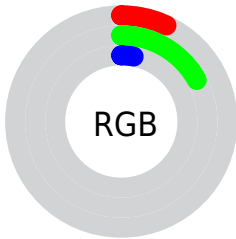
Format	Color
RYB	7, 43, 31
Decimal	1256199
CIELab	15.00, -17.51, 18.42
CIELCh	15, 25.417, 133.552
Yxy	1.9086, 0.3289, 0.5274
Android (android.graphics.Color)	4279446279 (0xFF132B07)
YUV	31.7200, -12.1870, -11.1554
Hunter-Lab	13.8151, -8.7986, 7.4379

Details

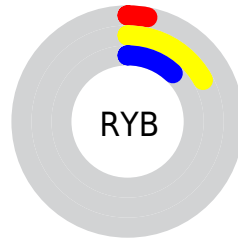
The CIELCh color **15, 25.417, 133.552** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6, 26.748, 316.537**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 25.482, 133.921**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 27.662, 134.010**, and if you desaturate by 10%, it is **15, 23.134, 132.940**.

Distribution



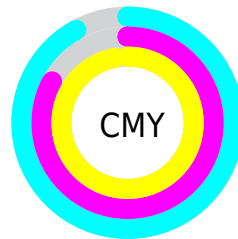
- Red (7%)
- Green (17%)
- Blue (3%)



- Red (3%)
- Yellow (17%)
- Blue (12%)



- Cyan (56%)
- Magenta (0%)
- Yellow (83%)
- Black (83%)



- Cyan (92%)
- Magenta (83%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 25.417, 133.552 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, 25.417, 133.552 by changing the saturation by 10% instead.

■ 15, 25.417,
133.552

■ 15, 25.417,
133.552

■ 100, 25.417,
133.552

■ 5, 25.417, 133.552

■ 35, 25.417,
133.552

■ 0, 25.417, 133.552

■ 45, 25.417,
133.552


■ 55, 25.417,
133.552


■ 65, 25.417,
133.552


■ 75, 25.417,
133.552


■ 85, 25.417,


133.552


 95, 25.417,
133.552


 15, 25.417,
133.552


 15, 25.417,
133.552


 15, 27.662,
134.010


 15, 23.134,
132.940

 15, 29.281,
134.238

 15, 20.511,
132.568

 16, 17.475,
132.739

 16, 14.233,
133.172

 16, 10.927,
133.598

■ 17, 7.588, 134.006

■ 17, 4.243, 134.390

■ 18, 0.909, 134.790

■ 18, 2.398, 315.015

Harmonies

Complementary

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



15, 25.417, 133.552



6, 26.748, 316.537

Rectangle

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



15, 25.417, 133.552



15, 25.417, 183.552



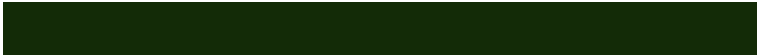
15, 25.417, 313.552



15, 25.417, 3.552

Sweetspot

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



15, 25.417, 133.552



22, 10.376, 133.857



13, 16.187, 81.093



9, 6.793, 134.691



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, 25.417, 133.552



20, 36.629, 132.008



15, 25.578, 143.580



6, 1.445, 135.138



31, 50.478, 131.436



75, 99.723, 132.716

Inverse Universe

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



6, 26.748, 316.537



6, 39.742, 317.569



7, 25.224, 333.668



6, 1.441, 314.486



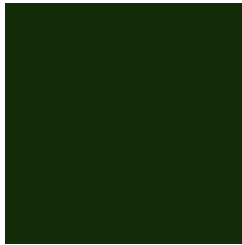
13, 53.493, 317.261



39, 104.675, 316.379

Previews

White Background



This preview shows how the CIELCh color 15, 25.417, 133.552 looks on a white background.

Color Contrast Check

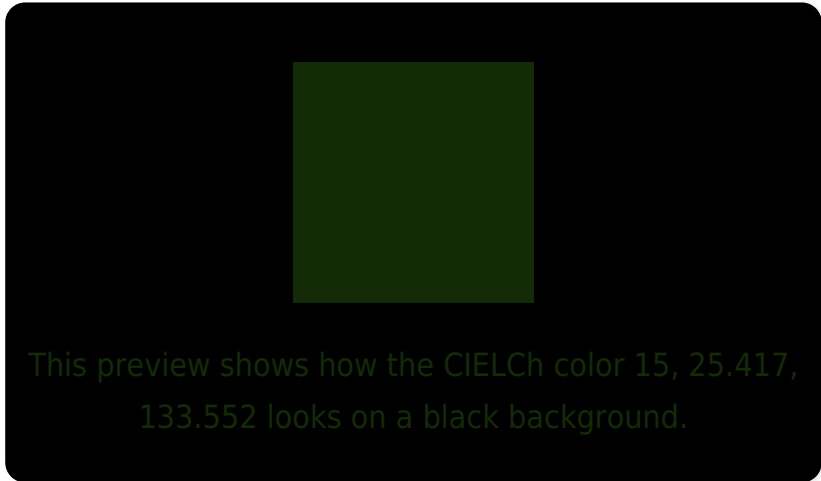
Large Text (above 18pt) WCAG AA ✓ Pass

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

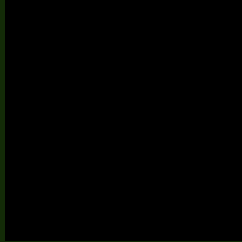
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 25.417, 133.552

Background



This preview shows how black text looks on a background with the CIELCh color 15, 25.417, 133.552.



This preview shows how white text looks on a background with the CIELCh color 15, 25.417, 133.552.

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, 25.417, 133.552

Protanopia
15, 19.602, 97.019

Deuteranopia
15, 17.678, 82.893



Tritanopia
15, 6.516, 224.127

Trichromacy



Original Color
15, 25.417, 133.552

Protanomaly
15, 20.467, 114.796

Deuteranomaly
15, 18.355, 107.341

Tritanomaly
15, 10.783, 156.243

Monochromacy



Original Color
15, 25.417, 133.552

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 10.352, 134.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 25.417, 133.552 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(19, 43, 7)` looks like.

```
.text, #text, p{  
    color:rgb(19, 43, 7)  
}
```

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(19, 43, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 43, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 25.417, 133.552 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(19, 43, 7) }
```

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

```
.border{ border-color:rgb(19, 43, 7) }
```

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

Here you see how a box with a 4 pixel rgb(19, 43, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 43, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 43, 7); box-shadow:4px  
4px 4px 4px rgb(19, 43, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 25.417, 133.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 43, 7) }
```

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

```
.background{ background-color: rgb(19, 43,  
7) }
```

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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