

Converting Colors

CIELCh(15, 26.134, 143.765)

Have a look what the booklet for
CIELCh(15, 26.134, 143.765)
contains.

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Color

CIELCh(15, 25.902, 143.919)

Conversions

Conversions Part 1

Format	Color
Hex	072C0E
RGB	7, 44, 14
RGB Percent	3%, 17%, 5%
CMY	0.9713, 0.8260, 0.9434
CMYK	0.83, 0.00, 0.67, 0.83
HSL	131°, 72%, 10%
HSV	131°, 83%, 17%
XYZ	1.0881, 1.9086, 0.7416
YIQ	29.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

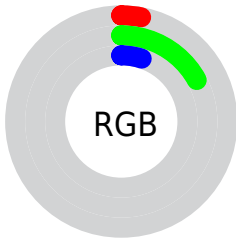
Format	Color
R_{YB}	7, 38, 44
Decimal	470030
CIE Lab	15.00, -20.93, 15.25
CIE LCh	15, 25.902, 143.919
Yxy	1.9086, 0.2911, 0.5106
Android (android.graphics.Color)	4278660110 (0xFF072C0E)
YUV	29.5170, -7.6499, -19.7474
Hunter-Lab	13.8151, -10.1182, 6.4878

Details

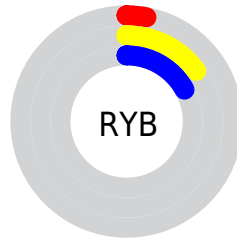
The CIELCh color **15, 25.902, 143.919** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8, 25.469, 334.807**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 25.665, 143.964**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 28.244, 143.885**, and if you desaturate by 10%, it is **15, 23.370, 144.572**.

Distribution



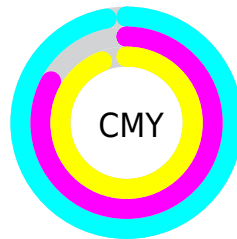
- Red (3%)
- Green (17%)
- Blue (5%)



- Red (3%)
- Yellow (15%)
- Blue (17%)



- Cyan (83%)
- Magenta (0%)
- Yellow (67%)
- Black (83%)



- Cyan (97%)
- Magenta (83%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 25.902, 143.919 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, 25.902, 143.919 by changing the saturation by 10% instead.

■ 15, 25.902,
143.919

■ 15, 25.902,
143.919

■ 100, 25.902,
143.919

■ 5, 25.902, 143.919

■ 35, 25.902,
143.919

■ 0, 25.902, 143.919

■ 45, 25.902,
143.919


■ 55, 25.902,
143.919


■ 65, 25.902,
143.919


■ 75, 25.902,
143.919


■ 85, 25.902,


143.919


 95, 25.902,
143.919


 15, 25.902,
143.919


 15, 25.902,
143.919


 15, 28.244,
143.885


 15, 23.370,
144.572

 15, 29.702,
144.101

 15, 20.520,
145.596

 16, 17.476,
146.577

 16, 14.303,
147.454

 17, 11.046,
148.234

■ 17, 7.745, 148.926

■ 17, 4.433, 149.547

■ 18, 1.139, 150.158

■ 19, 2.117, 330.491

Harmonies

Complementary

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



15, 25.902, 143.919



8, 25.469, 334.807

Rectangle

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



15, 25.902, 143.919



15, 25.902, 193.919



15, 25.902, 323.919



15, 25.902, 13.919

Sweetspot

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



15, 25.902, 143.919



23, 10.435, 148.723



17, 22.969, 114.151



10, 7.203, 148.687



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



15, 25.902, 143.919



21, 37.219, 141.185



15, 16.983, 166.789



7, 1.735, 150.038



31, 49.891, 139.774



75, 99.550, 138.231

Inverse Universe

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



8, 25.469, 334.807



10, 35.623, 336.177



7, 19.996, 4.889



7, 1.721, 330.439



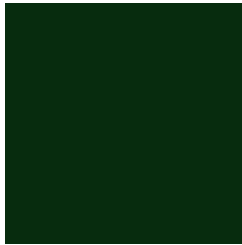
18, 45.865, 336.814



49, 87.183, 337.762

Previews

White Background



This preview shows how the CIELCh color 15, 25.902, 143.919 looks on a white background.

Color Contrast Check

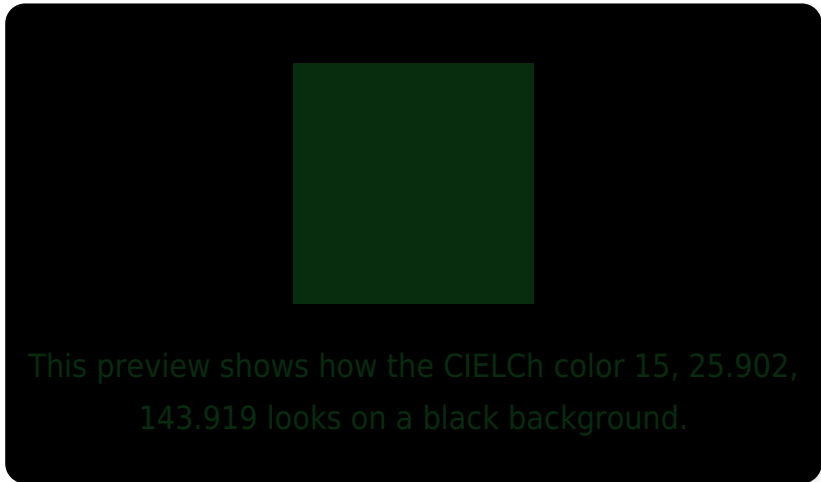
Large Text (above 18pt) WCAG AA ✓ Pass

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

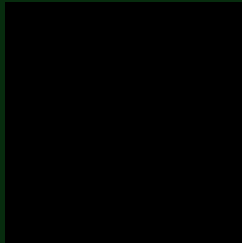
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 25.902, 143.919

Background



This preview shows how black text looks on a background with the CIELCh color 15, 25.902, 143.919.



This preview shows how white text looks on a background with the CIELCh color 15, 25.902, 143.919.

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, 25.902, 143.919

Protanopia
15, 16.701, 96.056

Deuteranopia
15, 14.601, 81.221



Tritanopia
15, 9.084, 215.949

Trichromacy



Original Color
15, 25.902, 143.919

Protanomaly
15, 18.058, 123.104

Deuteranomaly
14, 15.863, 117.899

Tritanomaly
15, 12.965, 170.626

Monochromacy



Original Color
15, 25.902, 143.919

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 10.286, 146.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 25.902, 143.919 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(7, 44, 14)` looks like.

```
.text, #text, p{  
    color:rgb(7, 44, 14)  
}
```

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(7, 44, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 44, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 25.902, 143.919 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(7, 44, 14) }
```

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

```
.border{ border-color:rgb(7, 44, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 44, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 44, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 44, 14); box-shadow:4px  
4px 4px 4px rgb(7, 44, 14) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 25.902, 143.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 44, 14) }
```

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

```
.background{ background-color: rgb(7, 44,  
14) }
```

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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