

Converting Colors

CIELCh(15, 25.047, 140.492)

Have a look what the booklet for
CIELCh(15, 25.047, 140.492)
contains.

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Color

CIELCh(15, 25.153, 140.339)

Conversions

Conversions Part 1

Format	Color
Hex	0D2C0D
RGB	13, 44, 13
RGB Percent	5%, 17%, 5%
CMY	0.9493, 0.8278, 0.9494
CMYK	0.71, 0.00, 0.71, 0.83
HSL	120°, 55%, 11%
HSV	120°, 71%, 17%
XYZ	1.1342, 1.9086, 0.6857
YIQ	31.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

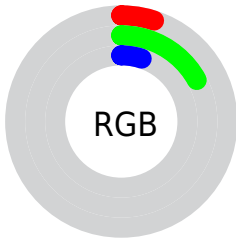
Format	Color
RYB	13, 44, 44
Decimal	863245
CIELab	15.00, -19.36, 16.05
CIELCh	15, 25.153, 140.339
Yxy	1.9086, 0.3042, 0.5119
Android (android.graphics.Color)	4279053325 (0xFF0D2C0D)
YUV	31.1970, -8.9711, -15.9588
Hunter-Lab	13.8151, -9.5224, 6.7277

Details

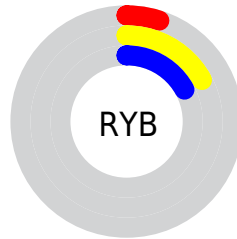
The CIELCh color **15, 25.153, 140.339** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9, 25.224, 327.306**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 25.217, 140.542**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 27.644, 140.381**, and if you desaturate by 10%, it is **15, 22.193, 140.570**.

Distribution



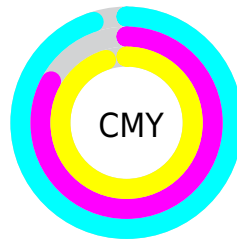
- Red (5%)
- Green (17%)
- Blue (5%)



- Red (5%)
- Yellow (17%)
- Blue (17%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (83%)





- Cyan (95%)
- Magenta (83%)
- Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 25.153, 140.339 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, 25.153, 140.339 by changing the saturation by 10% instead.

 15, 25.153,
140.339


 15, 25.153,
140.339


 100, 25.153,
140.339


 5, 25.153, 140.339


 35, 25.153,
140.339

 0, 25.153, 140.339

 45, 25.153,
140.339


 55, 25.153,
140.339


 65, 25.153,
140.339


 75, 25.153,
140.339


 85, 25.153,


140.339


 95, 25.153,
140.339


 15, 25.153,
140.339


 15, 25.153,
140.339


 15, 27.644,
140.381


 15, 22.193,
140.570

 15, 30.102,
140.579

 16, 18.782,
141.294

 14, 32.502,
140.891

 16, 15.171,
142.071

 16, 11.464,
142.768

 17, 7.713, 143.388

■ 17, 3.959, 143.940

■ 18, 0.234, 144.777

■ 19, 3.437, 324.777

■ 19, 7.037, 325.150

Harmonies

Complementary

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



15, 25.153, 140.339



9, 25.224, 327.306

Rectangle

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



15, 25.153, 140.339



15, 25.153, 190.339



15, 25.153, 320.339



15, 25.153, 10.339

Sweetspot

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



15, 25.153, 140.339



22, 9.653, 143.298



17, 19.761, 104.313



9, 6.335, 143.661



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, 25.153, 140.339



20, 35.465, 138.220



15, 17.696, 156.492



7, 1.973, 144.448



31, 54.576, 136.007



75, 105.007, 136.013

Inverse Universe

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



9, 25.224, 327.306



11, 34.995, 327.815



8, 18.579, 349.104



7, 1.976, 324.388



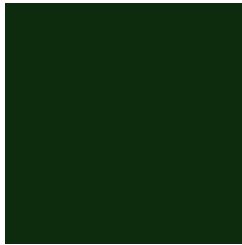
19, 52.665, 328.201



51, 101.322, 328.198

Previews

White Background



This preview shows how the CIELCh color 15, 25.153, 140.339 looks on a white background.

Color Contrast Check

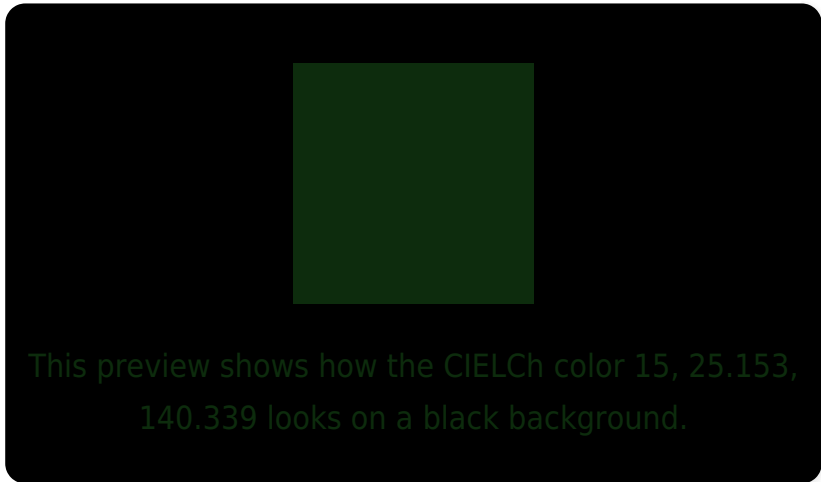
Large Text (above 18pt) WCAG AA ✓ Pass

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

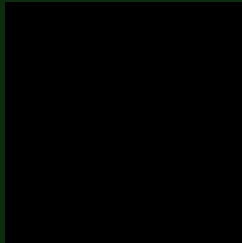
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 25.153, 140.339

Background



This preview shows how black text looks on a background with the CIELCh color 15, 25.153, 140.339.



This preview shows how white text looks on a background with the CIELCh color 15, 25.153, 140.339.

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, 25.153, 140.339

Protanopia

15, 17.593, 96.381

Deuteranopia

15, 15.126, 81.952



Tritanopia
15, 8.385, 212.493

Trichromacy



Original Color
15, 25.153, 140.339

Protanomaly
15, 18.673, 119.161

Deuteranomaly
15, 16.193, 113.730

Tritanomaly
15, 12.507, 166.103

Monochromacy



Original Color
15, 25.153, 140.339

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 10.531, 142.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 25.153, 140.339 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(13, 44, 13)` looks like.

```
.text, #text, p{  
    color:rgb(13, 44, 13)  
}
```

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(13, 44, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 44, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 25.153, 140.339 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(13, 44, 13) }
```

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

```
.border{ border-color:rgb(13, 44, 13) }
```

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

Here you see how a box with a 4 pixel rgb(13, 44, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 44, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 44, 13);  
box-shadow:4px 4px 4px 4px rgb(13, 44, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 25.153, 140.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 44, 13) }
```

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

```
.background{ background-color: rgb(13, 44,  
13) }
```

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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