

Converting Colors

CIELCh(15, 40.283, 340.544)

Have a look what the booklet for
CIELCh(15, 40.283, 340.544)
contains.

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Color

CIELCh(15, 40.110, 340.538)

Conversions

Conversions Part 1

Format	Color
Hex	4D0139
RGB	77, 1, 57
RGB Percent	30%, 0%, 22%
CMY	0.6973, 0.9953, 0.7758
CMYK	0.00, 0.98, 0.26, 0.70
HSL	316°, 97%, 15%
HSV	316°, 98%, 30%
XYZ	3.8314, 1.9086, 4.0592
YIQ	30.1080, 27.3200, 33.5280

Conversions

Conversions Part 2

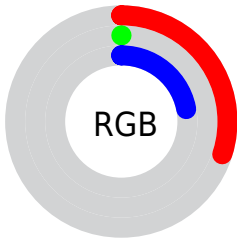
Format	Color
R_{YB}	77, 1, 57
Decimal	5046585
CIE _{Lab}	15.00, 37.82, -13.36
CIE _{LCh}	15, 40.110, 340.538
Yxy	1.9086, 0.3910, 0.1948
Android (android.graphics.Color)	4283236665 (0xFF4D0139)
YUV	30.1080, 13.2578, 41.1243
Hunter-Lab	13.8151, 25.3274, -7.7500

Details

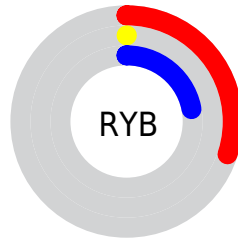
The CIELCh color **15, 40.110, 340.538** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 43.218, 142.250**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 39.828, 340.716**, and **2, 11.199, 353.547** is the 20% darker color. If you saturate the color by 10%, you get **15, 40.466, 340.685**, and if you desaturate by 10%, it is **16, 37.957, 339.529**.

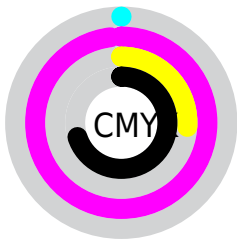
Distribution



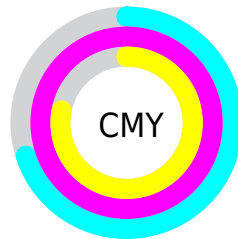
- Red (30%)
- Green (0%)
- Blue (22%)



- Red (30%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (98%)
- Yellow (26%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 15, 40.110, 340.538 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, 40.110, 340.538 by changing the saturation by 10% instead.

 15, 40.110,
340.538


 15, 40.110,
340.538

 100, 40.110,
340.538


 5, 40.110, 340.538


 35, 40.110,
340.538

 0, 40.110, 340.538

 45, 40.110,
340.538


 55, 40.110,
340.538


 65, 40.110,
340.538


 75, 40.110,
340.538


 85, 40.110,


340.538


 95, 40.110,
340.538


 15, 40.110,
340.538


 15, 40.110,
340.538


 15, 40.466,
340.685

 16, 37.957,
339.529

 17, 35.609,
338.505

 18, 32.388,
337.594

 20, 28.457,
336.767

 22, 24.011,
336.001

■ 24, 19.230,
335.282

■ 26, 14.264,
334.600

■ 28, 9.228, 333.947

■ 31, 4.201, 333.310

Harmonies

Complementary

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



15, 40.110, 340.538



28, 43.218, 142.250

Rectangle

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



15, 40.110, 340.538



15, 40.110, 30.538



15, 40.110, 160.538



15, 40.110, 210.538

Sweetspot

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



15, 40.108, 340.538



34, 18.550, 334.775



6, 53.069, 308.031



15, 12.755, 334.931



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



15, 40.108, 340.538



21, 47.901, 341.254



14, 36.063, 18.929



14, 2.755, 333.323



21, 48.734, 341.306



51, 87.106, 342.531

Inverse Universe

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



15, 40.108, 340.538



21, 47.901, 341.254



29, 26.846, 168.345



14, 2.755, 333.323



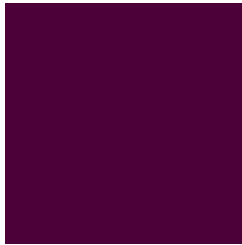
21, 48.734, 341.306



51, 87.106, 342.531

Previews

White Background



This preview shows how the CIELCh color 15, 40.110, 340.538 looks on a white background.

Color Contrast Check

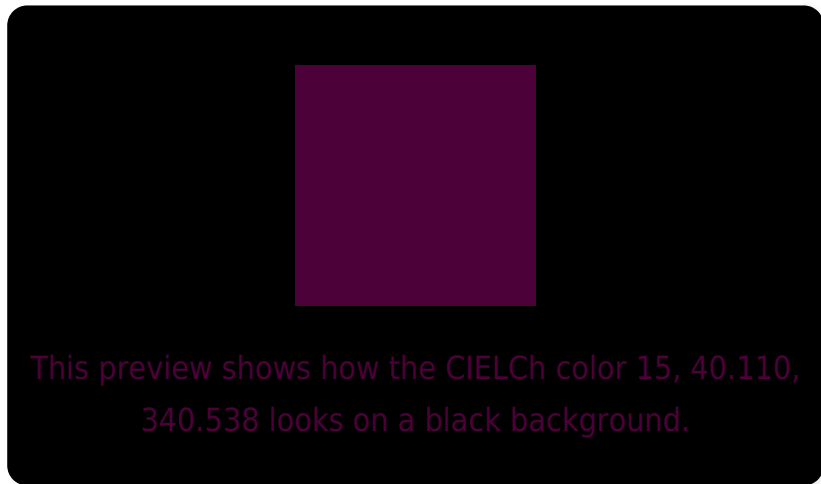
Large Text (above 18pt) WCAG AA ✓ Pass

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

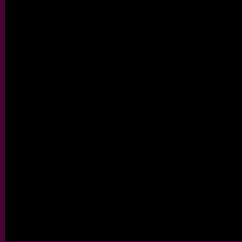
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 40.110, 340.538

Background



This preview shows how black text looks on a background with the CIELCh color 15, 40.110, 340.538.



This preview shows how white text looks on a background with the CIELCh color 15, 40.110, 340.538.

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, 40.110, 340.538

Protanopia

17, 28.743, 285.022

Deuteranopia

17, 8.362, 289.369



Tritanopia
16, 27.729, 26.814

Trichromacy



Original Color
15, 40.110, 340.538

Protanomaly
13, 32.854, 305.785

Deuteranomaly
15, 22.539, 325.673

Tritanomaly
16, 30.142, 5.153

Monochromacy



Original Color
15, 40.110, 340.538

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 18.732, 336.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 40.110, 340.538 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(77, 1, 57)` looks like.

```
.text, #text, p{  
    color:rgb(77, 1, 57)  
}
```

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(77, 1, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 1, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 40.110, 340.538 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(77, 1, 57) }
```

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

```
.border{ border-color:rgb(77, 1, 57) }
```

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

Here you see how a box with a 4 pixel rgb(77, 1, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 1, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 1, 57); box-shadow:4px  
4px 4px 4px rgb(77, 1, 57) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 40.110, 340.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 1, 57) }
```

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

```
.background{ background-color: rgb(77, 1,  
57) }
```

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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