

Converting Colors

CIELCh(15, 40.879, 327.888)

Have a look what the booklet for
CIELCh(15, 40.879, 327.888)
contains.

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Color

CIELCh(15, 41.058, 327.921)

Conversions

Conversions Part 1

Format	Color
Hex	450A45
RGB	69, 10, 69
RGB Percent	27%, 4%, 27%
CMY	0.7296, 0.9610, 0.7296
CMYK	0.00, 0.86, 0.00, 0.73
HSL	300°, 75%, 15%
HSV	300°, 86%, 27%
XYZ	3.6319, 1.9086, 5.8003
YIQ	34.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

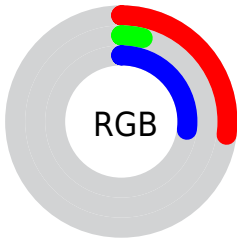
Format	Color
R_{YB}	69, 10, 69
Decimal	4524613
CIE _{Lab}	15.00, 34.79, -21.81
CIE _{LCh}	15, 41.058, 327.921
Yxy	1.9086, 0.3202, 0.1683
Android (android.graphics.Color)	4282714693 (0xFF450A45)
YUV	34.3670, 17.0741, 30.3731
Hunter-Lab	13.8151, 22.7495, -15.2225




Details

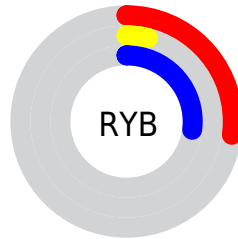
The CIELCh color **15, 41.058, 327.921** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 41.987, 137.498**, and the grayscale version is **13, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 41.349, 327.919**, and **2, 14.117, 313.218** is the 20% darker color. If you saturate the color by 10%, you get **14, 43.816, 328.133**, and if you desaturate by 10%, it is **16, 37.975, 327.680**.

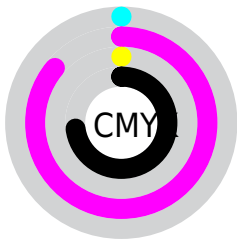
Distribution







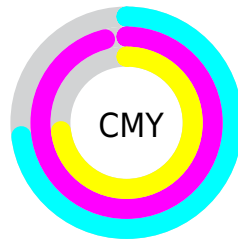
-  Red (27%)
-  Green (4%)
-  Blue (27%)






-  Red (27%)
-  Yellow (4%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (96%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 41.058, 327.921 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, 41.058, 327.921 by changing the saturation by 10% instead.

■ 15, 41.058,
327.921

■ 15, 41.058,
327.921

■ 100, 41.058,
327.921

■ 5, 41.058, 327.921

■ 35, 41.058,
327.921

■ 0, 41.058, 327.921

■ 45, 41.058,
327.921


■ 55, 41.058,
327.921


■ 65, 41.058,
327.921


■ 75, 41.058,
327.921


■ 85, 41.058,


327.921


 95, 41.058,
327.921


 15, 41.058,
327.921


 15, 41.058,
327.921


 14, 43.816,
328.133


 16, 37.975,
327.680

 14, 45.102,
328.231

 17, 34.112,
327.371

 19, 29.623,
327.004

 20, 24.672,
326.591

 22, 19.419,
326.142

■ 24, 13.995,
325.670

■ 26, 8.507, 325.182

■ 28, 3.031, 324.671

■ 30, 2.378, 144.281

Harmonies

Complementary

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



15, 41.058, 327.921



25, 41.987, 137.498

Rectangle

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



15, 41.058, 327.921



15, 41.058, 17.921



15, 41.058, 147.921



15, 41.058, 197.921

Sweetspot

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



15, 41.057, 327.921



31, 17.625, 325.740



7, 42.378, 302.293



14, 12.048, 325.813



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



15, 41.057, 327.921



19, 53.728, 328.231



13, 30.435, 352.903



13, 3.122, 324.834



22, 57.932, 328.231



54, 105.823, 328.231

Inverse Universe

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



13, 31.625, 29.333



16, 44.930, 34.013



25, 29.666, 153.259



13, 1.799, 19.785



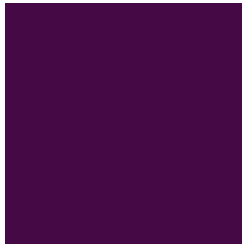
19, 49.401, 35.621



47, 95.756, 39.999

Previews

White Background



This preview shows how the CIE LCh color 15, 41.058, 327.921 looks on a white background.

Color Contrast Check

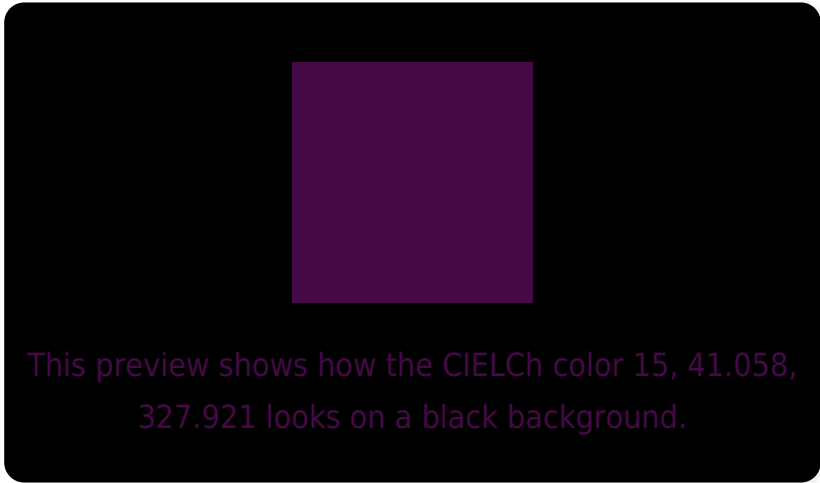
Large Text (above 18pt) WCAG AA ✓ Pass

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

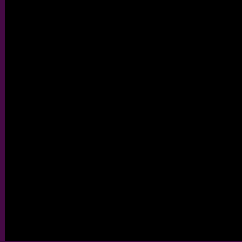
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 41.058, 327.921

Background



This preview shows how black text looks on a background with the CIELCh color 15, 41.058, 327.921.



This preview shows how white text looks on a background with the CIELCh color 15, 41.058, 327.921.

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, 41.058, 327.921

Protanopia

16, 30.535, 282.222

Deuteranopia

16, 17.956, 278.112



Tritanopia
16, 19.484, 21.208

Trichromacy



Original Color
15, 41.058, 327.921

Protanomaly
13, 34.831, 297.815

Deuteranomaly
14, 26.627, 306.251

Tritanomaly
15, 24.996, 349.951

Monochromacy



Original Color
15, 41.058, 327.921

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 18.410, 326.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 41.058, 327.921 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(69, 10, 69)` looks like.

```
.text, #text, p{  
    color:rgb(69, 10, 69)  
}
```

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(69, 10, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 10, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 41.058, 327.921 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(69, 10, 69) }
```

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

```
.border{ border-color:rgb(69, 10, 69) }
```

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

Here you see how a box with a 4 pixel rgb(69, 10, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 10, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 10, 69);  
box-shadow:4px 4px 4px 4px rgb(69, 10, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 41.058, 327.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 10, 69) }
```

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

```
.background{ background-color: rgb(69, 10,  
69) }
```

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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