

Converting Colors

CIELCh(15, 39.054, 327.783)

Have a look what the booklet for
CIELCh(15, 39.054, 327.783)
contains.

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Color

CIELCh(15, 39.243, 327.220)

Conversions

Conversions Part 1

Format	Color
Hex	430D44
RGB	67, 13, 68
RGB Percent	26%, 5%, 27%
CMY	0.7367, 0.9484, 0.7328
CMYK	0.01, 0.81, 0.00, 0.73
HSL	299°, 68%, 16%
HSV	299°, 81%, 27%
XYZ	3.5170, 1.9086, 5.6721
YIQ	35.4160, 14.5290, 28.5530

Conversions

Conversions Part 2

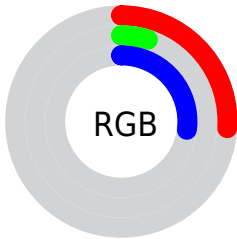
Format	Color
R_{YB}	67, 13, 68
Decimal	4394308
CIE _{Lab}	15.00, 32.99, -21.25
CIE _{LCh}	15, 39.243, 327.220
Yxy	1.9086, 0.3169, 0.1720
Android (android.graphics.Color)	4282584388 (0xFF430D44)
YUV	35.4160, 16.0639, 27.6992
Hunter-Lab	13.8151, 21.2646, -14.6722




Details

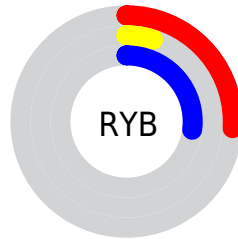
The CIELCh color **15, 39.243, 327.220** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 39.906, 137.720**, and the grayscale version is **14, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 39.146, 326.801**, and **1, 12.833, 308.392** is the 20% darker color. If you saturate the color by 10%, you get **14, 42.059, 327.411**, and if you desaturate by 10%, it is **16, 35.757, 326.967**.

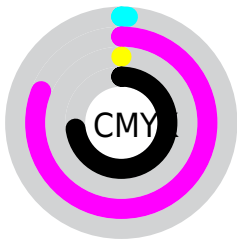
Distribution







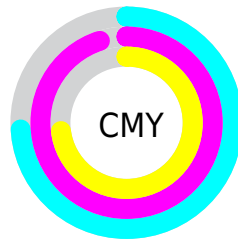
-  Red (26%)
-  Green (5%)
-  Blue (27%)






-  Red (26%)
-  Yellow (5%)
-  Blue (27%)



-  Cyan (1%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (73%)





-  Cyan (74%)
-  Magenta (95%)
-  Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 39.243, 327.220 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, 39.243, 327.220 by changing the saturation by 10% instead.

 15, 39.243,
327.220


 15, 39.243,
327.220


 100, 39.243,
327.220


 5, 39.243, 327.220


 35, 39.243,
327.220

 0, 39.243, 327.220

 45, 39.243,
327.220


 55, 39.243,
327.220


 65, 39.243,
327.220


 75, 39.243,
327.220


 85, 39.243,


327.220


 95, 39.243,
327.220


 15, 39.243,
327.220


 15, 39.243,
327.220


 14, 42.059,
327.411


 16, 35.757,
326.967

 13, 44.770,
327.596

 17, 31.583,
326.646

 19, 26.883,
326.269

 21, 21.819,
325.849

 23, 16.535,
325.399

■ 25, 11.145,
324.930

■ 27, 5.737, 324.447

■ 29, 0.374, 323.679

■ 31, 4.903, 143.555

Harmonies

Complementary

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



15, 39.243, 327.220



25, 39.906, 137.720

Rectangle

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



15, 39.243, 327.220



15, 39.243, 17.220



15, 39.243, 147.220



15, 39.243, 197.220

Sweetspot

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



15, 39.242, 327.220



32, 16.186, 325.134



8, 39.139, 301.106



15, 11.216, 325.217



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, 39.242, 327.220



19, 52.949, 327.528



14, 29.325, 350.698



12, 2.913, 324.336



21, 56.930, 327.562



53, 105.008, 327.510

Inverse Universe

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



13, 29.674, 28.187



17, 43.617, 33.106



25, 28.546, 153.284



12, 1.687, 18.304



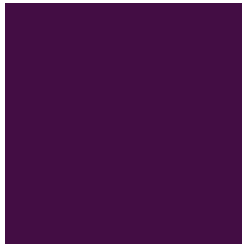
18, 47.936, 34.552



47, 94.188, 39.417

Previews

White Background



This preview shows how the CIE LCh color 15, 39.243, 327.220 looks on a white background.

Color Contrast Check

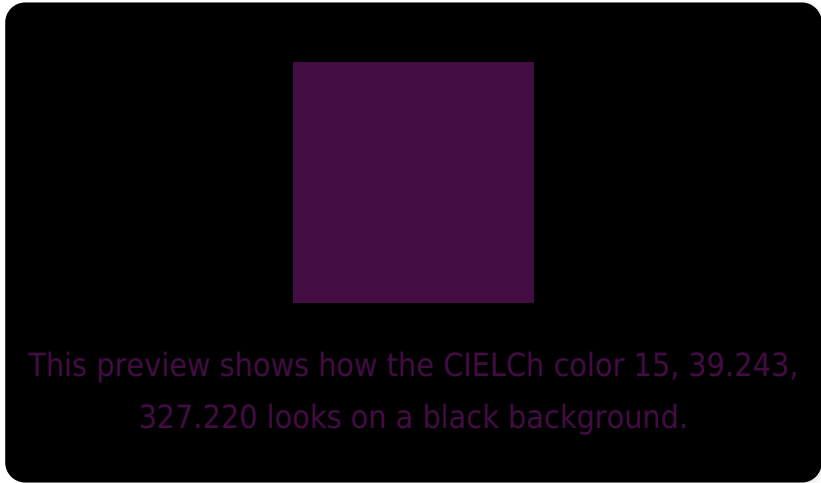
Large Text (above 18pt) WCAG AA ✓ Pass

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

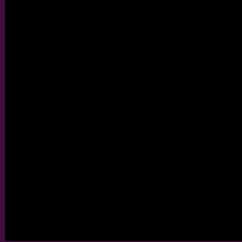
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 39.243, 327.220

Background



This preview shows how black text looks on a background with the CIELCh color 15, 39.243, 327.220.



This preview shows how white text looks on a background with the CIELCh color 15, 39.243, 327.220.

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, 39.243, 327.220

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 17.309, 277.120



Tritanopia
16, 17.856, 20.252

Trichromacy



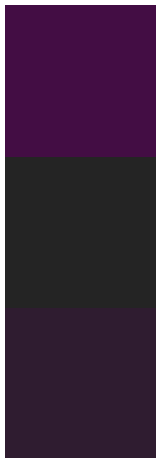
Original Color
15, 39.243, 327.220

Protanomaly
13, 33.415, 296.491

Deuteranomaly
14, 25.817, 304.754

Tritanomaly
15, 23.752, 348.589

Monochromacy



Original Color
15, 39.243, 327.220

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 16.541, 324.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 39.243, 327.220 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(67, 13, 68)` looks like.

```
.text, #text, p{  
    color:rgb(67, 13, 68)  
}
```

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(67, 13, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 13, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 39.243, 327.220 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(67, 13, 68) }
```

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

```
.border{ border-color:rgb(67, 13, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 13, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 13, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 13, 68);  
box-shadow:4px 4px 4px 4px rgb(67, 13, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 39.243, 327.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 13, 68) }
```

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

```
.background{ background-color: rgb(67, 13,  
68) }
```

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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