

Converting Colors

CIELCh(15, 39.423, 326.606)

Have a look what the booklet for
CIELCh(15, 39.423, 326.606)
contains.

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Color

CIELCh(15, 39.732, 326.657)

Conversions

Conversions Part 1

Format	Color
Hex	430D45
RGB	67, 13, 69
RGB Percent	26%, 5%, 27%
CMY	0.7374, 0.9491, 0.7295
CMYK	0.03, 0.81, 0.00, 0.73
HSL	298°, 68%, 16%
HSV	298°, 81%, 27%
XYZ	3.5295, 1.9086, 5.8080
YIQ	35.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

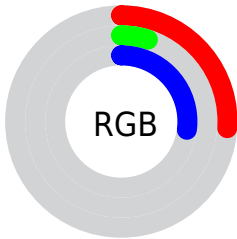
Format	Color
R _Y B	67, 13, 69
Decimal	4394309
CIE Lab	15.00, 33.19, -21.84
CIE LCh	15, 39.732, 326.657
Yxy	1.9086, 0.3138, 0.1697
Android (android.graphics.Color)	4282584389 (0xFF430D45)
YUV	35.5300, 16.5007, 27.5992
Hunter-Lab	13.8151, 21.4269, -15.2556

Details

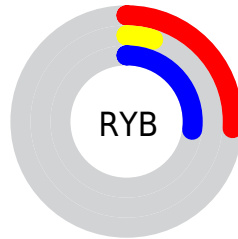
The CIELCh color **15, 39.732, 326.657** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 40.330, 137.422**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 39.619, 326.293**, and **2, 13.689, 308.765** is the 20% darker color. If you saturate the color by 10%, you get **14, 42.572, 326.819**, and if you desaturate by 10%, it is **16, 36.233, 326.429**.

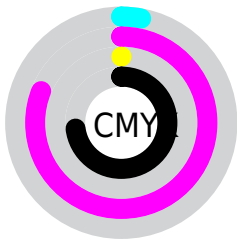
Distribution



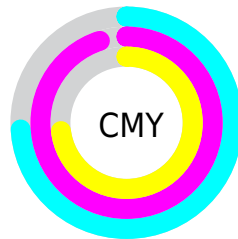
- Red (26%)
- Green (5%)
- Blue (27%)



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



- Cyan (3%)
- Magenta (81%)
- Yellow (0%)
- Black (73%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 39.732, 326.657 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, 39.732, 326.657 by changing the saturation by 10% instead.

 15, 39.732,
326.657


 15, 39.732,
326.657


 100, 39.732,
326.657


 5, 39.732, 326.657


 35, 39.732,
326.657

 0, 39.732, 326.657

 45, 39.732,
326.657


 55, 39.732,
326.657


 65, 39.732,
326.657


 75, 39.732,
326.657


 85, 39.732,


326.657


 95, 39.732,
326.657


 15, 39.732,
326.657


 15, 39.732,
326.657


 14, 42.572,
326.819


 16, 36.233,
326.429

 13, 45.176,
326.975

 18, 32.036,
326.128

 19, 27.307,
325.766

 21, 22.212,
325.358

 23, 16.896,
324.919

■ 25, 11.475,
324.459

■ 27, 6.037, 323.986

■ 29, 0.643, 323.361

■ 31, 4.662, 143.113

Harmonies

Complementary

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



15, 39.732, 326.657



25, 40.330, 137.422

Rectangle

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



15, 39.732, 326.657



15, 39.732, 16.657



15, 39.732, 146.657



15, 39.732, 196.657

Sweetspot

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



15, 39.731, 326.657



32, 16.105, 324.634



8, 39.135, 300.732



15, 11.160, 324.716



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, 39.731, 326.657



19, 52.979, 326.892



14, 29.953, 349.690



13, 3.088, 323.862



22, 58.025, 326.906



52, 106.008, 326.808

Inverse Universe

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



13, 29.995, 27.510



17, 43.329, 32.405



25, 29.410, 152.385



13, 1.800, 16.880



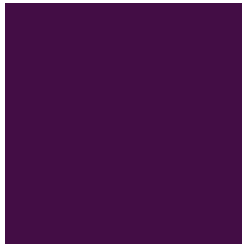
19, 48.671, 34.211



47, 94.312, 38.881

Previews

White Background



This preview shows how the CIELCh color 15, 39.732, 326.657 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

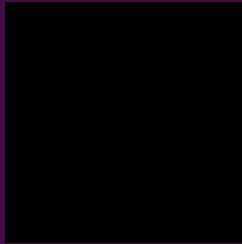
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 39.732, 326.657

Background



This preview shows how black text looks on a background with the CIELCh color 15, 39.732, 326.657.



This preview shows how white text looks on a background with the CIELCh color 15, 39.732, 326.657.

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, 39.732, 326.657

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 18.024, 277.229



Tritanopia
16, 17.856, 20.252

Trichromacy



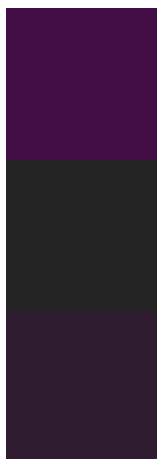
Original Color
15, 39.732, 326.657

Protanomaly
13, 34.086, 296.686

Deuteranomaly
14, 25.817, 304.754

Tritanomaly
15, 23.438, 347.701

Monochromacy



Original Color
15, 39.732, 326.657

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, 39.732, 326.657 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(67, 13, 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(67, 13, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 13, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 39.732, 326.657 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, 69) }
```

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

```
.border{ border-color:rgb(67, 13, 69) }
```

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, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 13, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 13, 69);  
box-shadow:4px 4px 4px 4px rgb(67, 13, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 39.732, 326.657 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, 69) }
```

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

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