

Converting Colors

CIELCh(17, 64.026, 315.444)

Have a look what the booklet for
CIELCh(17, 64.026, 315.444)
contains.

CIELCh(17, 64.039, 315.409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(17, 64.039, 315.409)

Conversions

Conversions Part 1

Format	Color
Hex	43016C
RGB	67, 1, 108
RGB Percent	26%, 0%, 42%
CMY	0.7370, 0.9958, 0.5763
CMYK	0.38, 0.99, 0.00, 0.58
HSL	277°, 98%, 21%
HSV	277°, 99%, 42%
XYZ	5.0400, 2.3023, 14.3817
YIQ	32.9320, 4.9890, 47.2690

Conversions

Conversions Part 2

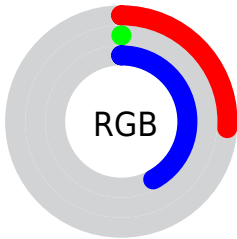
Format	Color
RYB	67, 1, 108
Decimal	4391276
CIELab	17.00, 45.60, -44.96
CIELCh	17, 64.039, 315.409
Yxy	2.3023, 0.2320, 0.1060
Android (android.graphics.Color)	4282581356 (0xFF43016C)
YUV	32.9320, 37.0085, 29.8776
Hunter-Lab	15.1734, 32.7373, -45.5751

Details

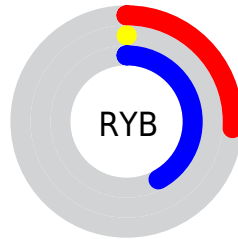
The CIELCh color **17, 64.039, 315.409** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **40, 59.220, 130.628**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 64.065, 315.487**, and **4, 41.023, 306.022** is the 20% darker color. If you saturate the color by 10%, you get **17, 64.451, 315.398**, and if you desaturate by 10%, it is **19, 60.149, 315.648**.

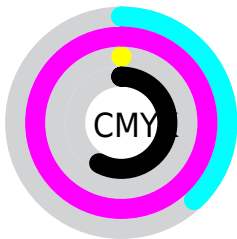
Distribution



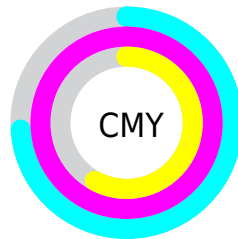
- Red (26%)
- Green (0%)
- Blue (42%)



- Red (26%)
- Yellow (0%)
- Blue (42%)



- Cyan (38%)
- Magenta (99%)
- Yellow (0%)
- Black (58%)



- Cyan (74%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 64.039, 315.409 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 17, 64.039, 315.409 by changing the saturation by 10% instead.

■ 17, 64.039,
315.409

■ 17, 64.039,
315.409

■ 100, 64.039,
315.409

■ 7, 64.039, 315.409

■ 37, 64.039,
315.409

■ 0, 64.039, 315.409

■ 47, 64.039,
315.409

■ 57, 64.039,
315.409


■ 67, 64.039,
315.409

■ 77, 64.039,
315.409

■ 87, 64.039,

315.409


 97, 64.039,
315.409

 17, 64.039,
315.409


 17, 64.039,
315.409


 17, 64.451,
315.398

 19, 60.149,
315.648

 21, 55.486,
315.783

 23, 49.628,
315.686

 26, 42.957,
315.430

 29, 35.808,
315.074

■ 32, 28.434,
314.664

■ 36, 21.007,
314.233

■ 39, 13.639,
313.802

■ 43, 6.396, 313.380

Harmonies

Complementary

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



17, 64.039, 315.409



40, 59.220, 130.628

Rectangle

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



17, 64.039, 315.409



17, 64.039, 5.409



17, 64.039, 135.409



17, 64.039, 185.409

Sweetspot

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



17, 64.039, 315.409



46, 26.940, 314.311



19, 44.897, 291.197



22, 18.565, 314.449



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



17, 64.039, 315.409



23, 77.879, 315.114



24, 56.091, 333.166



20, 3.957, 313.378



19, 68.372, 315.302



43, 118.179, 314.688

Inverse Universe

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



22, 44.730, 10.089



29, 54.388, 11.992



39, 60.734, 137.839



21, 2.881, 351.172



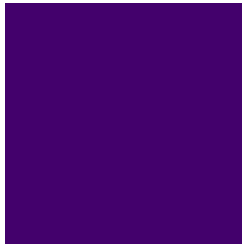
24, 47.728, 10.969



52, 82.732, 14.345

Previews

White Background



This preview shows how the CIELCh color 17, 64.039, 315.409 looks on a white background.

Color Contrast Check

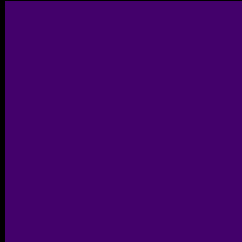
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 17, 64.039, 315.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

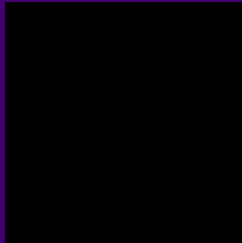
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 64.039, 315.409

Background



This preview shows how black text looks on a background with the CIELCh color 17, 64.039, 315.409.



This preview shows how white text looks on a background with the CIELCh color 17, 64.039, 315.409.

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

17, 64.039, 315.409

Protanopia

18, 34.037, 283.332

Deuteranopia

18, 24.300, 269.136



Tritanopia
18, 6.159, 1.411

Trichromacy



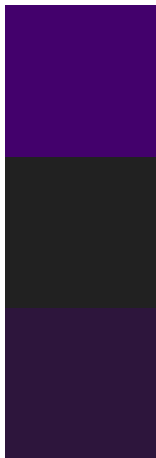
Original Color
17, 64.039, 315.409

Protanomaly
15, 48.418, 300.236

Deuteranomaly
15, 41.884, 298.222

Tritanomaly
16, 30.465, 320.423

Monochromacy



Original Color
17, 64.039, 315.409

Achromatopsia
13, 0.003, 296.813

Achromatomaly
12, 29.021, 315.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 64.039, 315.409 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, 1, 108)` looks like.

```
.text, #text, p{  
    color:rgb(67, 1, 108)  
}
```

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, 1, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 1, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 64.039, 315.409 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, 1, 108) }
```

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

```
.border{ border-color:rgb(67, 1, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 1, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 1, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 1, 108);  
box-shadow:4px 4px 4px 4px rgb(67, 1, 108)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 64.039, 315.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 1, 108) }
```

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

```
.background{ background-color: rgb(67, 1,  
108) }
```

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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