

Converting Colors

CIELCh(17, 66.375, 315.016)

Have a look what the booklet for
CIELCh(17, 66.375, 315.016)
contains.

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Color

CIELCh(17, 65.875, 315.004)

Conversions

Conversions Part 1

Format	Color
Hex	43006F
RGB	67, 0, 111
RGB Percent	26%, 0%, 44%
CMY	0.7392, 1.0000, 0.5665
CMYK	0.40, 1.00, 0.00, 0.57
HSL	276°, 100%, 22%
HSV	276°, 100%, 43%
XYZ	5.1193, 2.3023, 15.0787
YIQ	32.6870, 4.3010, 48.7250

Conversions

Conversions Part 2

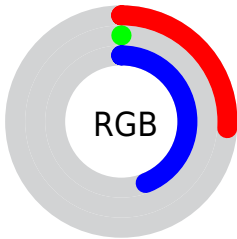
Format	Color
RYB	67, 0, 111
Decimal	4391023
CIELab	17.00, 46.58, -46.58
CIELCh	17, 65.875, 315.004
Yxy	2.3023, 0.2275, 0.1023
Android (android.graphics.Color)	4282581103 (0xFF43006F)
YUV	32.6870, 38.6083, 30.0925
Hunter-Lab	15.1734, 33.6696, -48.2983

Details

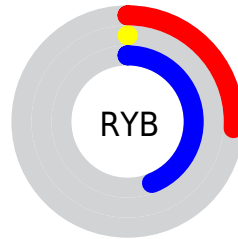
The CIELCh color **17, 65.875, 315.004** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **41, 60.297, 130.295**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 66.132, 315.107**, and **4, 43.300, 306.042** is the 20% darker color. If you saturate the color by 10%, you get **17, 65.699, 314.959**, and if you desaturate by 10%, it is **19, 61.718, 315.189**.

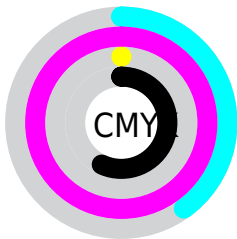
Distribution



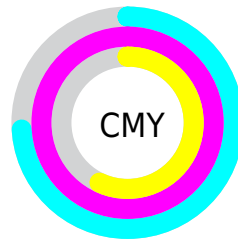
- Red (26%)
- Green (0%)
- Blue (44%)



- Red (26%)
- Yellow (0%)
- Blue (44%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (74%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 65.875, 315.004 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, 65.875, 315.004 by changing the saturation by 10% instead.

■ 17, 65.875,
315.004

■ 17, 65.875,
315.004

■ 100, 65.875,
315.004

■ 7, 65.875, 315.004

■ 37, 65.875,
315.004

■ 0, 65.875, 315.004

■ 47, 65.875,
315.004


■ 57, 65.875,
315.004


■ 67, 65.875,
315.004

■ 77, 65.875,
315.004


■ 87, 65.875,

315.004


 97, 65.875,
315.004


 17, 65.875,
315.004

 17, 65.875,
315.004


 17, 65.699,
314.959

 19, 61.718,
315.189

 21, 57.074,
315.346

 23, 51.172,
315.260

 26, 44.412,
315.005

 29, 37.147,
314.645

■ 33, 29.644,
314.228

■ 36, 22.084,
313.789

■ 40, 14.583,
313.351

■ 43, 7.210, 312.924

Harmonies

Complementary

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



17, 65.875, 315.004



41, 60.297, 130.295

Rectangle

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



17, 65.875, 315.004



17, 65.875, 5.004



17, 65.875, 135.004



17, 65.875, 185.004

Sweetspot

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



17, 65.699, 314.959



46, 27.264, 313.824



20, 44.918, 290.422



22, 18.516, 313.962



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, 65.699, 314.959



24, 79.157, 314.681



25, 57.912, 332.439



22, 4.100, 312.882



19, 69.651, 314.865



43, 119.497, 314.259

Inverse Universe

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



22, 45.649, 9.194



30, 54.982, 10.653



40, 62.450, 137.472



22, 3.024, 350.234



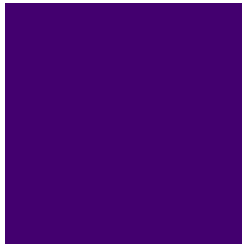
24, 48.386, 9.688



53, 83.081, 12.899

Previews

White Background



This preview shows how the CIELCh color 17, 65.875, 315.004 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, 65.875, 315.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

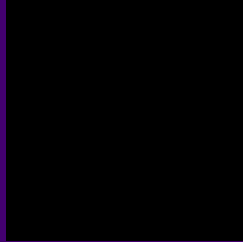
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 65.875, 315.004

Background



This preview shows how black text looks on a background with the CIELCh color 17, 65.875, 315.004.



This preview shows how white text looks on a background with the CIELCh color 17, 65.875, 315.004.

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, 65.875, 315.004

Protanopia

18, 34.037, 283.332

Deuteranopia

18, 24.300, 269.136



Tritanopia
19, 5.225, 357.507

Trichromacy



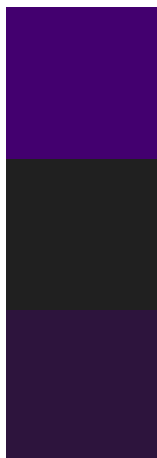
Original Color
17, 65.875, 315.004

Protanomaly
15, 49.040, 300.337

Deuteranomaly
15, 42.529, 298.368

Tritanomaly
16, 30.953, 319.124

Monochromacy



Original Color
17, 65.875, 315.004

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 30.359, 315.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 65.875, 315.004 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, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(67, 0, 111)  
}
```

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, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 0, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 65.875, 315.004 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, 0, 111) }
```

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

```
.border{ border-color:rgb(67, 0, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 0, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(67, 0, 111)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 65.875, 315.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 0, 111) }
```

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

```
.background{ background-color: rgb(67, 0,  
111) }
```

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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