

Converting Colors

CIELCh(17, 67.853, 312.375)

Have a look what the booklet for
CIELCh(17, 67.853, 312.375)
contains.

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Color

CIELCh(17, 67.835, 312.373)

Conversions

Conversions Part 1

Format	Color
Hex	3C0474
RGB	60, 4, 116
RGB Percent	24%, 2%, 45%
CMY	0.7650, 0.9847, 0.5454
CMYK	0.48, 0.97, 0.00, 0.55
HSL	270°, 93%, 23%
HSV	270°, 97%, 45%
XYZ	5.0491, 2.3023, 16.6785
YIQ	33.5120, -2.5760, 46.7040

Conversions

Conversions Part 2

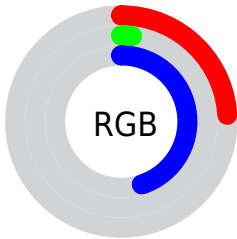
Format	Color
RYB	60, 4, 116
Decimal	3933300
CIELab	17.00, 45.72, -50.11
CIELCh	17, 67.835, 312.373
Yxy	2.3023, 0.2101, 0.0958
Android (android.graphics.Color)	4282123380 (0xFF3C0474)
YUV	33.5120, 40.6666, 23.2300
Hunter-Lab	15.1734, 32.8446, -54.5498

Details

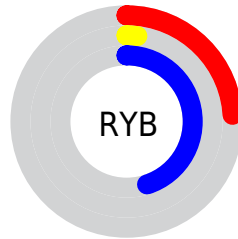
The CIELCh color **17, 67.835, 312.373** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **43, 59.427, 127.207**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 67.570, 312.251**, and **4, 46.726, 302.775** is the 20% darker color. If you saturate the color by 10%, you get **16, 69.417, 312.365**, and if you desaturate by 10%, it is **19, 63.364, 312.555**.

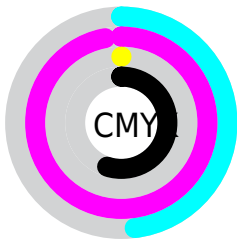
Distribution



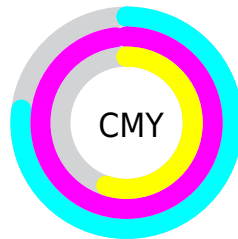
- Red (24%)
- Green (2%)
- Blue (45%)



- Red (24%)
- Yellow (2%)
- Blue (45%)



- Cyan (48%)
- Magenta (97%)
- Yellow (0%)
- Black (55%)



- Cyan (77%)
- Magenta (98%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 67.835, 312.373 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, 67.835, 312.373 by changing the saturation by 10% instead.

■ 17, 67.835,
312.373

■ 17, 67.835,
312.373

■ 100, 67.835,
312.373

■ 7, 67.835, 312.373

■ 37, 67.835,
312.373

■ 0, 67.835, 312.373

■ 47, 67.835,
312.373


■ 57, 67.835,
312.373


■ 67, 67.835,
312.373


■ 77, 67.835,
312.373


■ 87, 67.835,


312.373


 97, 67.835,
312.373


 17, 67.835,
312.373


 17, 67.835,
312.373


 16, 69.417,
312.365

 19, 63.364,
312.555

 22, 57.656,
312.506

 25, 50.840,
312.225

 28, 43.372,
311.803

 31, 35.596,
311.309

■ 35, 27.742,
310.791

■ 39, 19.950,
310.279

■ 43, 12.301,
309.791

■ 46, 4.838, 309.331

Harmonies

Complementary

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



17, 67.835, 312.373



43, 59.427, 127.207

Rectangle

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



17, 67.835, 312.373



17, 67.835, 2.373



17, 67.835, 132.373



17, 67.835, 182.373

Sweetspot

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



17, 67.835, 312.374



49, 27.000, 310.437



25, 37.419, 280.751



23, 18.741, 310.612



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



17, 67.835, 312.374



23, 84.035, 312.080



27, 63.757, 328.190



23, 4.163, 309.441



18, 72.213, 312.300



40, 123.135, 311.687

Inverse Universe

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



24, 46.905, 359.069



32, 57.248, 1.252



42, 65.930, 136.246



23, 3.351, 344.317



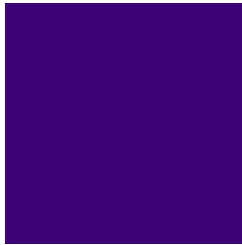
25, 49.387, 0.363



54, 83.348, 2.895

Previews

White Background



This preview shows how the CIELCh color 17, 67.835, 312.373 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, 67.835, 312.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

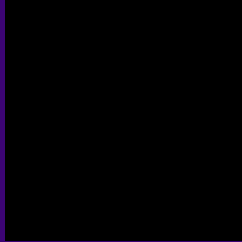
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 67.835, 312.373

Background



This preview shows how black text looks on a background with the CIELCh color 17, 67.835, 312.373.



This preview shows how white text looks on a background with the CIELCh color 17, 67.835, 312.373.

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, 67.835, 312.373

Deuteranopia

18, 23.723, 268.615

Tritanopia

18, 3.045, 264.389

Trichromacy

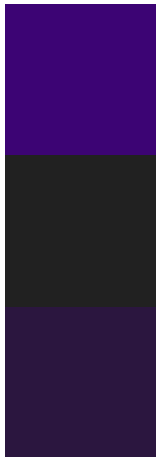


Original Color
17, 67.835, 312.373

Deuteranomaly
15, 42.479, 297.454

Tritanomaly
16, 30.679, 309.992

Monochromacy



Original Color
17, 67.835, 312.373

Achromatopsia
13, 0.003, 296.813

Achromatomaly
12, 30.084, 312.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 67.835, 312.373 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(60, 4, 116)` looks like.

```
.text, #text, p{  
    color:rgb(60, 4, 116)  
}
```

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(60, 4, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 4, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 67.835, 312.373 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(60, 4, 116) }
```

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

```
.border{ border-color:rgb(60, 4, 116) }
```

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

Here you see how a box with a 4 pixel rgb(60, 4, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 4, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 4, 116);  
box-shadow:4px 4px 4px 4px rgb(60, 4, 116)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 67.835, 312.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 4, 116) }
```

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

```
.background{ background-color: rgb(60, 4,  
116) }
```

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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