

Converting Colors

CIELCh(17, 45.431, 314.072)

Have a look what the booklet for
CIELCh(17, 45.431, 314.072)
contains.

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Color

CIELCh(17, 45.179, 314.102)

Conversions

Conversions Part 1

Format	Color
Hex	3C1759
RGB	60, 23, 89
RGB Percent	24%, 9%, 35%
CMY	0.7644, 0.9095, 0.6506
CMYK	0.33, 0.74, 0.00, 0.65
HSL	274°, 59%, 22%
HSV	274°, 74%, 35%
XYZ	3.9838, 2.3023, 9.7052
YIQ	41.5870, 0.8660, 28.3700

Conversions

Conversions Part 2

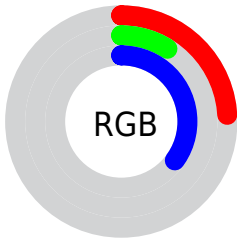
Format	Color
RYB	60, 23, 89
Decimal	3938137
CIELab	17.00, 31.44, -32.44
CIELCh	17, 45.179, 314.102
Yxy	2.3023, 0.2491, 0.1440
Android (android.graphics.Color)	4282128217 (0xFF3C1759)
YUV	41.5870, 23.3746, 16.1482
Hunter-Lab	15.1734, 20.3123, -27.3014

Details

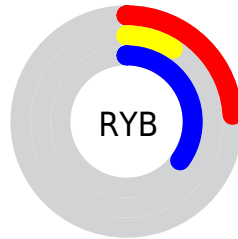
The CIELCh color **17, 45.179, 314.102** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34, 41.516, 128.347**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 45.618, 313.964**, and **2, 27.673, 300.283** is the 20% darker color. If you saturate the color by 10%, you get **15, 50.072, 314.188**, and if you desaturate by 10%, it is **19, 39.553, 313.841**.

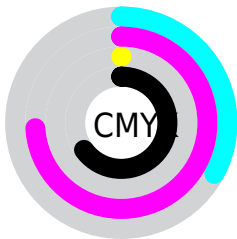
Distribution



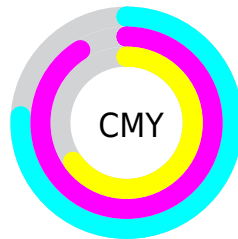
- Red (24%)
- Green (9%)
- Blue (35%)



- Red (24%)
- Yellow (9%)
- Blue (35%)



- Cyan (33%)
- Magenta (74%)
- Yellow (0%)
- Black (65%)



- Cyan (76%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 45.179, 314.102 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, 45.179, 314.102 by changing the saturation by 10% instead.

■ 17, 45.179,
314.102

■ 17, 45.179,
314.102

■ 100, 45.179,
314.102

■ 7, 45.179, 314.102

■ 37, 45.179,
314.102

■ 0, 45.179, 314.102

■ 47, 45.179,
314.102


■ 57, 45.179,
314.102


■ 67, 45.179,
314.102


■ 77, 45.179,
314.102


■ 87, 45.179,


314.102


 97, 45.179,
314.102


 17, 45.179,
314.102


 17, 45.179,
314.102


 15, 50.072,
314.188


 19, 39.553,
313.841


 13, 54.170,
314.109

 22, 33.494,
313.471

 12, 56.815,
314.180

 25, 27.227,
313.044

 28, 20.907,
312.593

 31, 14.632,
312.145

■ 34, 8.461, 311.711

■ 37, 2.428, 311.284

■ 40, 3.452, 130.965

■ 43, 9.170, 130.611

Harmonies

Complementary

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



17, 45.179, 314.102



34, 41.516, 128.347

Rectangle

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



17, 45.179, 314.102



17, 45.179, 4.102



17, 45.179, 134.102



17, 45.179, 184.102

Sweetspot

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



17, 45.179, 314.102



40, 16.441, 312.083



22, 25.234, 276.052



19, 11.154, 312.153



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



17, 45.179, 314.102



19, 63.465, 314.084



22, 44.263, 329.362



16, 3.265, 311.486



16, 64.755, 313.924



39, 115.803, 313.195

Inverse Universe

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



20, 32.884, 356.662



24, 44.585, 1.661



33, 45.261, 139.416



16, 2.493, 347.700



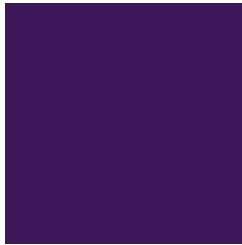
21, 44.604, 5.199



50, 79.321, 8.674

Previews

White Background



This preview shows how the CIE LCh color 17, 45.179, 314.102 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 CIE LCh color 17, 45.179, 314.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

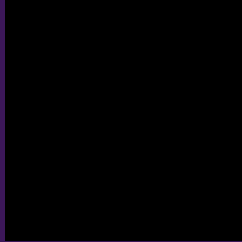
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 45.179, 314.102

Background



This preview shows how black text looks on a background with the CIELCh color 17, 45.179, 314.102.



This preview shows how white text looks on a background with the CIELCh color 17, 45.179, 314.102.

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, 45.179, 314.102

Protanopia

17, 32.267, 282.566

Deuteranopia

17, 23.695, 269.848



Tritanopia
18, 6.203, 1.479

Trichromacy



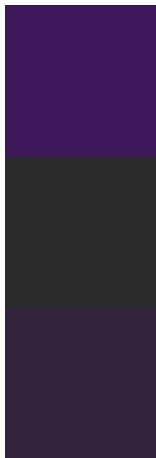
Original Color
17, 45.179, 314.102

Protanomaly
16, 36.885, 293.980

Deuteranomaly
16, 31.508, 291.061

Tritanomaly
17, 20.076, 320.691

Monochromacy



Original Color
17, 45.179, 314.102

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 17.822, 313.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 45.179, 314.102 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, 23, 89)` looks like.

```
.text, #text, p{  
    color:rgb(60, 23, 89)  
}
```

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, 23, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 23, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 45.179, 314.102 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, 23, 89) }
```

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

```
.border{ border-color:rgb(60, 23, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 23, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 23, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 23, 89);  
box-shadow:4px 4px 4px 4px rgb(60, 23, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 45.179, 314.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 23, 89) }
```

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

```
.background{ background-color: rgb(60, 23,  
89) }
```

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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