

Converting Colors

CIELCh(17, 33.215, 317.895)

Have a look what the booklet for
CIELCh(17, 33.215, 317.895)
contains.

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Color

CIELCh(17, 33.290, 317.859)

Conversions

Conversions Part 1

Format	Color
Hex	3C1C4A
RGB	60, 28, 74
RGB Percent	24%, 11%, 29%
CMY	0.7640, 0.8895, 0.7091
CMYK	0.19, 0.62, 0.00, 0.71
HSL	282°, 45%, 20%
HSV	282°, 62%, 29%
XYZ	3.5367, 2.3023, 6.7699
YIQ	42.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

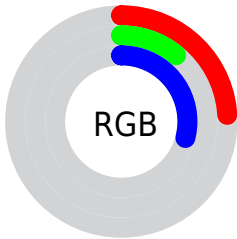
Format	Color
RYB	60, 28, 74
Decimal	3939402
CIELab	17.00, 24.68, -22.34
CIELCh	17, 33.290, 317.859
Yxy	2.3023, 0.2805, 0.1826
Android (android.graphics.Color)	4282129482 (0xFF3C1C4A)
YUV	42.8120, 15.3757, 15.0739
Hunter-Lab	15.1734, 15.0522, -15.8320




Details

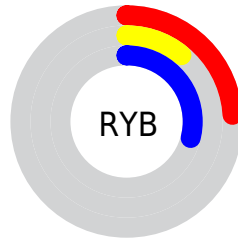
The CIELCh color **17, 33.290, 317.859** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 31.989, 132.781**, and the grayscale version is **17, 0.003, 296.813**.




A 20% lighter version of the original color is **37, 33.557, 318.023**, and **1, 17.225, 299.818** is the 20% darker color. If you saturate the color by 10%, you get **15, 38.055, 318.063**, and if you desaturate by 10%, it is **19, 28.129, 317.563**.

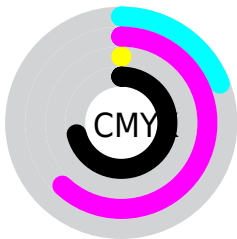
Distribution







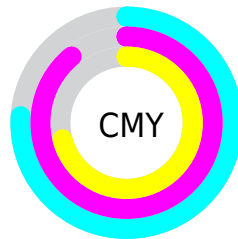
-  Red (24%)
-  Green (11%)
-  Blue (29%)






-  Red (24%)
-  Yellow (11%)
-  Blue (29%)



-  Cyan (19%)
-  Magenta (62%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (76%)
-  Magenta (89%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 33.290, 317.859 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, 33.290, 317.859 by changing the saturation by 10% instead.

■ 17, 33.290,
317.859

■ 17, 33.290,
317.859

■ 100, 33.290,
317.859

■ 7, 33.290, 317.859

■ 37, 33.290,
317.859

■ 0, 33.290, 317.859

■ 47, 33.290,
317.859

■ 57, 33.290,
317.859

■ 67, 33.290,
317.859

■ 77, 33.290,
317.859

■ 87, 33.290,

317.859

97, 33.290,
317.859

17, 33.290,
317.859

17, 33.290,
317.859

15, 38.055,
318.063

19, 28.129,
317.563

13, 42.210,
318.130

21, 22.748,
317.210

12, 45.749,
318.076

24, 17.276,
316.826

11, 48.857,
318.156

26, 11.803,
316.431

29, 6.387, 316.036

■ 31, 1.066, 315.591

■ 34, 4.139, 135.339

■ 36, 9.216, 134.994

■ 39, 14.161,
134.681

Harmonies

Complementary

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



17, 33.290, 317.859



28, 31.989, 132.781

Rectangle

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



17, 33.290, 317.859



17, 33.290, 7.859



17, 33.290, 137.859



17, 33.290, 187.859

Sweetspot

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



17, 33.289, 317.859



35, 12.682, 316.340



18, 21.975, 283.018



16, 8.620, 316.399



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



17, 33.289, 317.859



20, 48.235, 318.115



19, 30.571, 333.600



14, 3.032, 315.904



17, 60.968, 317.753



43, 110.753, 317.097

Inverse Universe

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



18, 23.557, 3.607



22, 34.256, 7.265



28, 30.825, 144.787



14, 2.071, 356.325



20, 43.961, 17.237



48, 81.187, 21.602

Previews

White Background



This preview shows how the CIE LCh color 17, 33.290, 317.859 looks on a white background.

Color Contrast Check

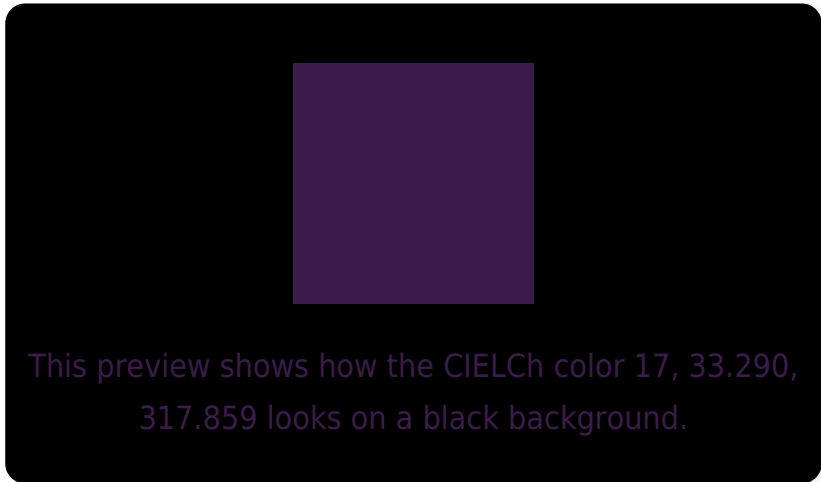
Large Text (above 18pt) WCAG AA ✓ Pass

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

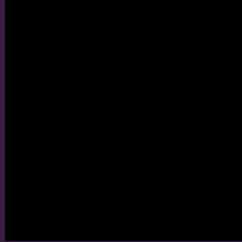
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 33.290, 317.859

Background



This preview shows how black text looks on a background with the CIELCh color 17, 33.290, 317.859.



This preview shows how white text looks on a background with the CIELCh color 17, 33.290, 317.859.

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, 33.290, 317.859

Protanopia

17, 32.230, 283.919

Deuteranopia

17, 20.048, 276.412



Tritanopia

17, 8.665, 7.847

Trichromacy



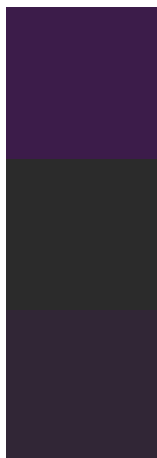
Original Color
17, 33.290, 317.859

Protanomaly
16, 32.127, 292.168

Deuteranomaly
17, 23.667, 295.124

Tritanomaly
17, 16.659, 331.804

Monochromacy



Original Color
17, 33.290, 317.859

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 12.206, 316.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 33.290, 317.859 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, 28, 74)` looks like.

```
.text, #text, p{  
    color:rgb(60, 28, 74)  
}
```

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, 28, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 28, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 33.290, 317.859 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, 28, 74) }
```

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

```
.border{ border-color:rgb(60, 28, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 28, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 28, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 28, 74);  
box-shadow:4px 4px 4px 4px rgb(60, 28, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 33.290, 317.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 28, 74) }
```

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

```
.background{ background-color: rgb(60, 28,  
74) }
```

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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