

Converting Colors

CIELCh(17, 25.234, 338.441)

Have a look what the booklet for
CIELCh(17, 25.234, 338.441)
contains.

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Color

CIELCh(17, 25.211, 338.379)

Conversions

Conversions Part 1

Format	Color
Hex	441C38
RGB	68, 28, 56
RGB Percent	27%, 11%, 22%
CMY	0.7352, 0.8919, 0.7822
CMYK	0.00, 0.59, 0.18, 0.74
HSL	318°, 42%, 19%
HSV	318°, 59%, 26%
XYZ	3.4580, 2.3023, 3.9461
YIQ	43.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

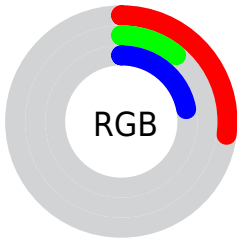
Format	Color
R _Y B	68, 28, 56
Decimal	4463672
CIE Lab	17.00, 23.44, -9.29
CIE LCh	17, 25.211, 338.379
Yxy	2.3023, 0.3563, 0.2372
Android (android.graphics.Color)	4282653752 (0xFF441C38)
YUV	43.1520, 6.3341, 21.7917
Hunter-Lab	15.1734, 14.1266, -4.7979

Details

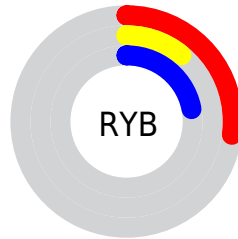
The CIELCh color **17, 25.211, 338.379** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 25.056, 149.235**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 25.120, 338.759**, and **2, 8.217, 346.648** is the 20% darker color. If you saturate the color by 10%, you get **16, 28.690, 339.275**, and if you desaturate by 10%, it is **19, 21.299, 337.563**.

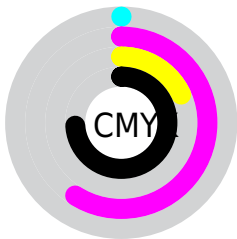
Distribution



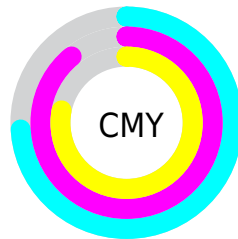
- Red (27%)
- Green (11%)
- Blue (22%)



- Red (27%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (74%)





- Cyan (74%)
- Magenta (89%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.211, 338.379 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, 25.211, 338.379 by changing the saturation by 10% instead.

 17, 25.211,
338.379


 17, 25.211,
338.379


 100, 25.211,
338.379


 7, 25.211, 338.379


 37, 25.211,
338.379

 0, 25.211, 338.379

 47, 25.211,
338.379


 57, 25.211,
338.379


 67, 25.211,
338.379


 77, 25.211,
338.379


 87, 25.211,


338.379


 97, 25.211,
338.379


 17, 25.211,
338.379


 17, 25.211,
338.379


 16, 28.690,
339.275


 19, 21.299,
337.563

 14, 31.572,
340.277


 21, 17.110,
336.807

 13, 33.793,
341.398

 22, 12.769,
336.098

 12, 36.108,
342.429

 25, 8.371, 335.427

 12, 36.310,
342.507

 27, 3.984, 334.777

 29, 0.345, 154.673

■ 31, 4.589, 153.689

■ 33, 8.730, 153.137

■ 35, 12.760,
152.622

Harmonies

Complementary

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



17, 25.211, 338.379



25, 25.056, 149.235

Rectangle

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



17, 25.211, 338.379



17, 25.211, 28.379



17, 25.211, 158.379



17, 25.211, 208.379

Sweetspot

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



17, 25.210, 338.379



32, 9.665, 335.395



14, 28.710, 305.336



14, 6.614, 335.485



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 25.210, 338.379



21, 35.650, 339.722



16, 20.602, 9.454



12, 2.374, 334.731



20, 45.990, 343.540



50, 83.636, 345.126

Inverse Universe

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



17, 25.210, 338.379



21, 35.650, 339.722



26, 16.623, 176.622



12, 2.374, 334.731



20, 45.990, 343.540



50, 83.636, 345.126

Previews

White Background



This preview shows how the CIELCh color 17, 25.211, 338.379 looks on a white background.

Color Contrast Check

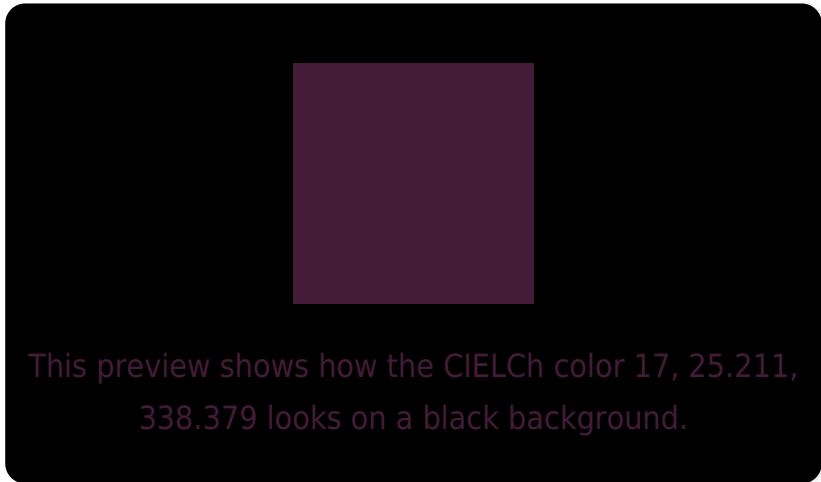
Large Text (above 18pt) WCAG AA ✓ Pass

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

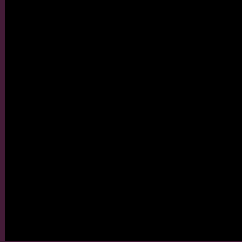
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 25.211, 338.379

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.211, 338.379.



This preview shows how white text looks on a background with the CIELCh color 17, 25.211, 338.379.

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, 25.211, 338.379

Protanopia

17, 17.443, 284.824

Deuteranopia

17, 7.637, 292.111



Tritanopia
17, 17.060, 19.510

Trichromacy



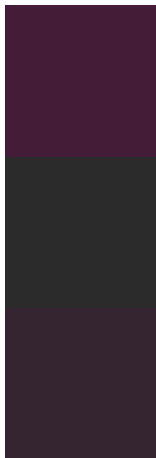
Original Color
17, 25.211, 338.379

Protanomaly
17, 18.553, 305.842

Deuteranomaly
17, 13.397, 320.708

Tritanomaly
17, 18.818, 1.748

Monochromacy



Original Color
17, 25.211, 338.379

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 10.370, 334.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.211, 338.379 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(68, 28, 56)` looks like.

```
.text, #text, p{  
    color:rgb(68, 28, 56)  
}
```

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(68, 28, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 28, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.211, 338.379 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(68, 28, 56) }
```

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

```
.border{ border-color:rgb(68, 28, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 28, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 28, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 28, 56);  
box-shadow:4px 4px 4px 4px rgb(68, 28, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.211, 338.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 28, 56) }
```

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

```
.background{ background-color: rgb(68, 28,  
56) }
```

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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