

Converting Colors

CIELCh(17, 24.445, 340.903)

Have a look what the booklet for
CIELCh(17, 24.445, 340.903)
contains.

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Color

CIELCh(17, 24.421, 340.832)

Conversions

Conversions Part 1

Format	Color
Hex	441C36
RGB	68, 28, 54
RGB Percent	27%, 11%, 21%
CMY	0.7344, 0.8912, 0.7892
CMYK	0.00, 0.59, 0.21, 0.73
HSL	321°, 42%, 19%
HSV	321°, 59%, 27%
XYZ	3.4349, 2.3023, 3.7231
YIQ	42.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

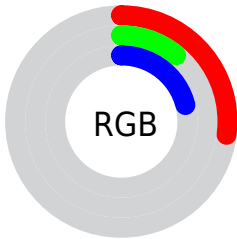
Format	Color
R_{YB}	68, 28, 54
Decimal	4463670
CIE Lab	17.00, 23.07, -8.02
CIE LCh	17, 24.421, 340.832
Yxy	2.3023, 0.3631, 0.2434
Android (android.graphics.Color)	4282653750 (0xFF441C36)
YUV	42.9240, 5.4605, 21.9917
Hunter-Lab	15.1734, 13.8546, -3.9265

Details

The CIELCh color **17, 24.421, 340.832** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 24.071, 151.209**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 24.382, 340.951**, and **2, 7.611, 354.328** is the 20% darker color. If you saturate the color by 10%, you get **15, 27.826, 341.865**, and if you desaturate by 10%, it is **19, 20.600, 339.912**.

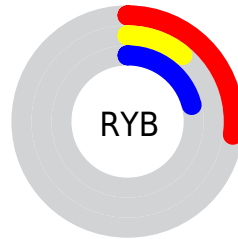
Distribution



Red (27%)

Green (11%)

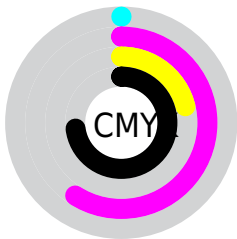
Blue (21%)



Red (27%)

Yellow (11%)

Blue (21%)

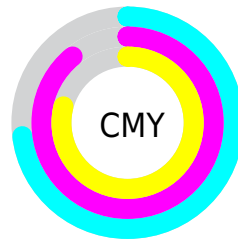


Cyan (0%)

Magenta (59%)

Yellow (21%)

Black (73%)



Cyan (73%)


Magenta (89%)


Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 24.421, 340.832 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, 24.421, 340.832 by changing the saturation by 10% instead.

 17, 24.421,
340.832

 17, 24.421,
340.832


 100, 24.421,
340.832


 7, 24.421, 340.832


 37, 24.421,
340.832

 0, 24.421, 340.832

 47, 24.421,
340.832

 57, 24.421,
340.832


 67, 24.421,
340.832

 77, 24.421,
340.832


 87, 24.421,


340.832


 97, 24.421,
340.832


 17, 24.421,
340.832


 17, 24.421,
340.832


 15, 27.826,
341.865


 19, 20.600,
339.912

 14, 30.654,
343.047


 21, 16.519,
339.075

 13, 32.828,
344.400

 23, 12.299,
338.304

 12, 35.098,
345.645

 25, 8.032, 337.583

 12, 35.338,
345.757

 27, 3.784, 336.893

 29, 0.403, 156.718

■ 31, 4.501, 155.757

■ 33, 8.495, 155.183

■ 36, 12.379,
154.652

Harmonies

Complementary

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



17, 24.421, 340.832



25, 24.071, 151.209

Rectangle

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



17, 24.421, 340.832



17, 24.421, 30.832



17, 24.421, 160.832



17, 24.421, 210.832

Sweetspot

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



17, 24.420, 340.833



33, 9.557, 337.566



14, 28.741, 306.758



15, 6.704, 337.676



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



17, 24.420, 340.833



21, 35.363, 342.439



16, 20.608, 13.244



12, 2.291, 336.856



20, 44.646, 347.054



49, 81.166, 349.066

Inverse Universe

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



17, 24.420, 340.833



21, 35.363, 342.439



26, 16.008, 180.876



12, 2.291, 336.856



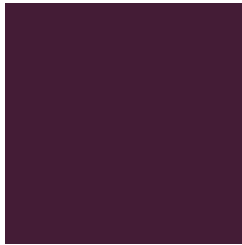
20, 44.646, 347.054



49, 81.166, 349.066

Previews

White Background



This preview shows how the CIELCh color 17, 24.421, 340.832 looks on a white background.

Color Contrast Check

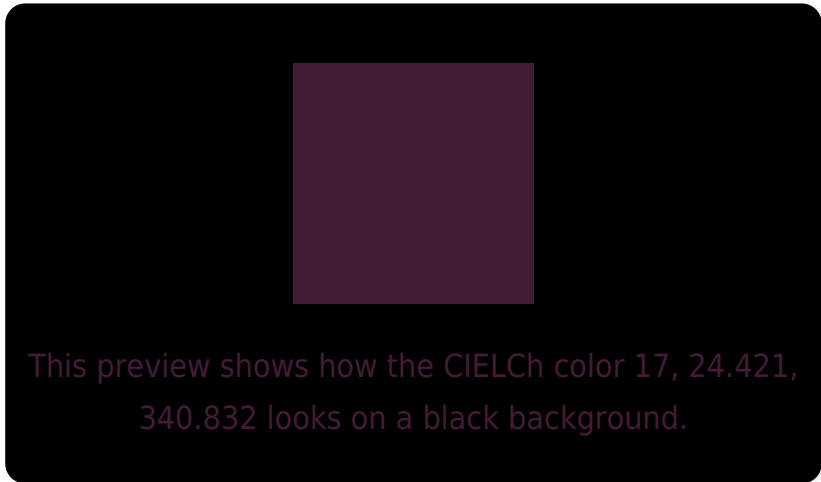
Large Text (above 18pt) WCAG AA ✓ Pass

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

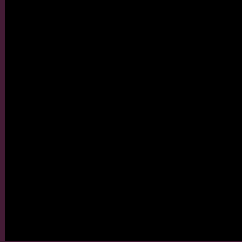
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 24.421, 340.832

Background



This preview shows how black text looks on a background with the CIELCh color 17, 24.421, 340.832.



This preview shows how white text looks on a background with the CIELCh color 17, 24.421, 340.832.

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, 24.421, 340.832

Protanopia

17, 16.053, 284.731

Deuteranopia

18, 6.965, 295.573



Tritanopia
17, 17.554, 17.696

Trichromacy



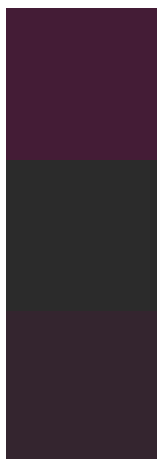
Original Color
17, 24.421, 340.832

Protanomaly
17, 17.300, 308.018

Deuteranomaly
17, 13.022, 324.036

Tritanomaly
17, 19.434, 0.641

Monochromacy



Original Color
17, 24.421, 340.832

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 9.903, 337.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 24.421, 340.832 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(68, 28, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 28, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 24.421, 340.832 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, 54) }
```

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

```
.border{ border-color:rgb(68, 28, 54) }
```

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, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 28, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 28, 54);  
box-shadow:4px 4px 4px 4px rgb(68, 28, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 24.421, 340.832 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, 54) }
```

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

```
.background{ background-color: rgb(68, 28,  
54) }
```

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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