

Converting Colors

CIELCh(17, 44.208, 330.229)

Have a look what the booklet for
CIELCh(17, 44.208, 330.229)
contains.

CIELCh(17, 44.375, 330.096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(17, 44.375, 330.096)

Conversions

Conversions Part 1

Format	Color
Hex	4E084A
RGB	78, 8, 74
RGB Percent	31%, 3%, 29%
CMY	0.6934, 0.9677, 0.7092
CMYK	0.00, 0.89, 0.05, 0.69
HSL	303°, 81%, 17%
HSV	303°, 89%, 31%
XYZ	4.4871, 2.3023, 6.7154
YIQ	36.4540, 20.5340, 35.3660

Conversions

Conversions Part 2

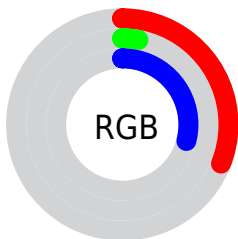
Format	Color
R_{YB}	78, 8, 74
Decimal	5113930
CIE _{Lab}	17.00, 38.47, -22.12
CIE _{LCh}	17, 44.375, 330.096
Yxy	2.3023, 0.3323, 0.1705
Android (android.graphics.Color)	4283304010 (0xFF4E084A)
YUV	36.4540, 18.5102, 36.4358
Hunter-Lab	15.1734, 26.2323, -15.6191




Details

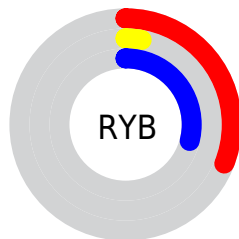
The CIELCh color **17, 44.375, 330.096** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 46.230, 138.062**, and the grayscale version is **14, 0.003, 296.813**.




A 20% lighter version of the original color is **37, 44.450, 330.284**, and **3, 21.242, 326.706** is the 20% darker color. If you saturate the color by 10%, you get **16, 46.952, 330.412**, and if you desaturate by 10%, it is **18, 41.626, 329.761**.

Distribution







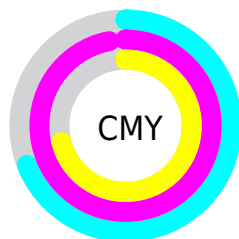
-  Red (31%)
-  Green (3%)
-  Blue (29%)






-  Red (31%)
-  Yellow (3%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (5%)
-  Black (6%)



-  Cyan (69%)
-  Magenta (97%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 44.375, 330.096 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, 44.375, 330.096 by changing the saturation by 10% instead.

 17, 44.375,
330.096

 17, 44.375,
330.096

 100, 44.375,
330.096

 7, 44.375, 330.096

 37, 44.375,
330.096

 0, 44.375, 330.096

 47, 44.375,
330.096

 57, 44.375,
330.096

 67, 44.375,
330.096

 77, 44.375,
330.096


 87, 44.375,


330.096


 97, 44.375,
330.096


 17, 44.375,
330.096


 17, 44.375,
330.096


 16, 46.952,
330.412


 18, 41.626,
329.761

 16, 47.095,
330.428

 19, 37.957,
329.382

 21, 33.493,
328.960

 22, 28.425,
328.502

 24, 22.943,
328.017

■ 26, 17.213,
327.513

■ 29, 11.368,
326.997

■ 31, 5.506, 326.473

■ 33, 0.302, 146.451

Harmonies

Complementary

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



17, 44.375, 330.096



28, 46.230, 138.062

Rectangle

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



17, 44.375, 330.096



17, 44.375, 20.096



17, 44.375, 150.096



17, 44.375, 200.096

Sweetspot

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



17, 44.374, 330.096



35, 19.657, 327.437



7, 49.886, 304.469



16, 13.076, 327.519



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



17, 44.374, 330.096



23, 56.516, 330.514



15, 33.542, 359.466



14, 3.186, 326.427



54, 101.961, 330.689

Inverse Universe

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



17, 44.374, 330.096



23, 56.516, 330.514



29, 31.659, 155.781



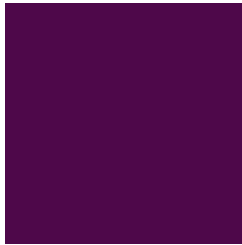
14, 3.186, 326.427



54, 101.961, 330.689

Previews

White Background



This preview shows how the CIELCh color 17, 44.375, 330.096 looks on a white background.

Color Contrast Check

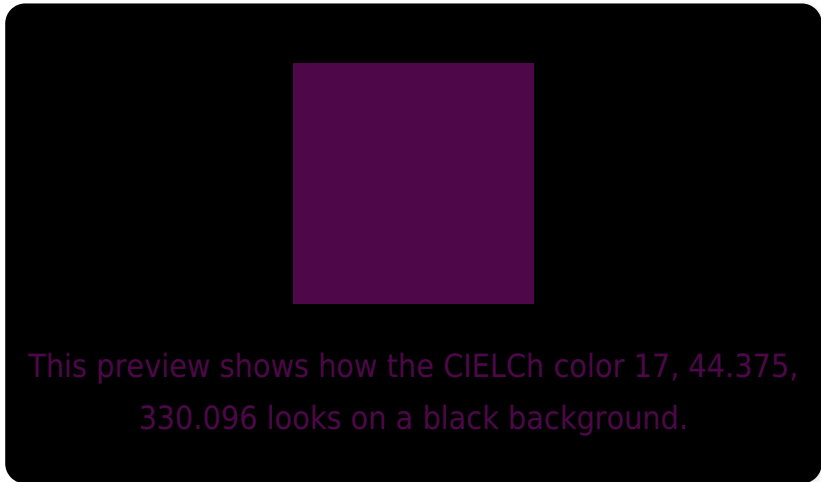
Large Text (above 18pt) WCAG AA ✓ Pass

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

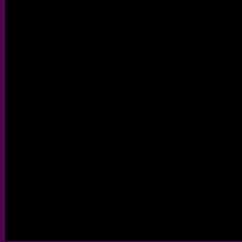
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 44.375, 330.096

Background



This preview shows how black text looks on a background with the CIELCh color 17, 44.375, 330.096.



This preview shows how white text looks on a background with the CIELCh color 17, 44.375, 330.096.

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, 44.375, 330.096

Protanopia

18, 33.469, 283.245

Deuteranopia

18, 17.632, 278.175



Tritanopia
18, 22.899, 22.605

Trichromacy



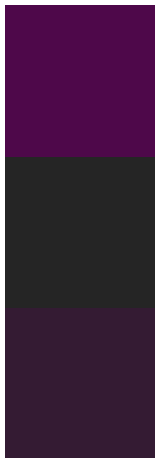
Original Color
17, 44.375, 330.096

Protanomaly
15, 38.540, 298.738

Deuteranomaly
16, 28.487, 308.535

Tritanomaly
17, 28.320, 353.969

Monochromacy



Original Color
17, 44.375, 330.096

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 20.004, 327.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 44.375, 330.096 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(78, 8, 74)` looks like.

```
.text, #text, p{  
    color:rgb(78, 8, 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(78, 8, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 8, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 44.375, 330.096 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(78, 8, 74) }
```

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

```
.border{ border-color:rgb(78, 8, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 8, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 8, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 8, 74); box-shadow:4px  
4px 4px 4px rgb(78, 8, 74) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 44.375, 330.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 8, 74) }
```

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

```
.background{ background-color: rgb(78, 8,  
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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