

Converting Colors

CIELCh(17, 41.186, 327.807)

Have a look what the booklet for
CIELCh(17, 41.186, 327.807)
contains.

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Color

CIELCh(17, 41.114, 327.779)

Conversions

Conversions Part 1

Format	Color
Hex	4A104A
RGB	74, 16, 74
RGB Percent	29%, 6%, 29%
CMY	0.7107, 0.9382, 0.7106
CMYK	0.00, 0.79, 0.00, 0.71
HSL	300°, 65%, 18%
HSV	300°, 79%, 29%
XYZ	4.2182, 2.3023, 6.6642
YIQ	39.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

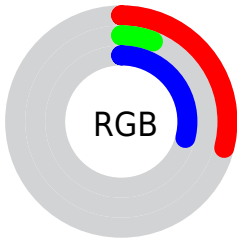
Format	Color
R_YB	74, 16, 74
Decimal	4853834
CIE Lab	17.00, 34.78, -21.92
CIE LCh	17, 41.114, 327.779
Yxy	2.3023, 0.3199, 0.1746
Android (android.graphics.Color)	4283043914 (0xFF4A104A)
YUV	39.9540, 16.7847, 29.8583
Hunter-Lab	15.1734, 23.0688, -15.4187




Details

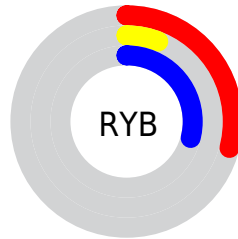
The CIELCh color **17, 41.114, 327.779** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 41.867, 138.049**, and the grayscale version is **16, 0.003, 296.813**.




A 20% lighter version of the original color is **37, 41.185, 327.835**, and **3, 20.148, 322.361** is the 20% darker color. If you saturate the color by 10%, you get **16, 44.037, 327.996**, and if you desaturate by 10%, it is **18, 37.330, 327.493**.

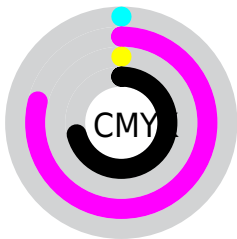
Distribution







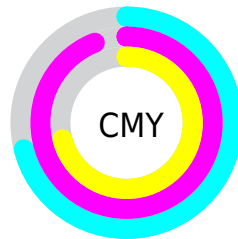
-  Red (29%)
-  Green (6%)
-  Blue (29%)






-  Red (29%)
-  Yellow (6%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (71%)





-  Cyan (71%)
-  Magenta (94%)
-  Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 17, 41.114, 327.779 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, 41.114, 327.779 by changing the saturation by 10% instead.

 17, 41.114,
327.779


 17, 41.114,
327.779


 100, 41.114,
327.779


 7, 41.114, 327.779


 37, 41.114,
327.779

 0, 41.114, 327.779

 47, 41.114,
327.779


 57, 41.114,
327.779


 67, 41.114,
327.779


 77, 41.114,
327.779


 87, 41.114,

327.779


 97, 41.114,
327.779


 17, 41.114,
327.779


 17, 41.114,
327.779


 16, 44.037,
327.996


 18, 37.330,
327.493


 15, 46.802,
328.198

 20, 32.810,
327.143

 15, 47.192,
328.226

 21, 27.730,
326.741

 23, 22.268,
326.299

 25, 16.578,
325.828

■ 27, 10.783,
325.339

■ 29, 4.978, 324.835

■ 32, 0.772, 144.536

■ 34, 6.420, 143.913

Harmonies

Complementary

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



17, 41.114, 327.779



27, 41.867, 138.049

Rectangle

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



17, 41.114, 327.779



17, 41.114, 17.779



17, 41.114, 147.779



17, 41.114, 197.779

Sweetspot

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



17, 41.113, 327.779



34, 17.413, 325.649



9, 41.466, 301.440



16, 11.800, 325.737



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, 41.113, 327.779



22, 55.347, 328.134



16, 30.454, 351.653



13, 3.122, 324.830



22, 57.933, 328.226



54, 105.823, 328.226

Inverse Universe

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



15, 31.411, 29.836



19, 46.165, 34.620



27, 29.364, 154.261



13, 1.799, 19.774



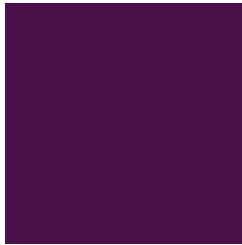
19, 49.398, 35.615



47, 95.750, 39.995

Previews

White Background



This preview shows how the CIELCh color 17, 41.114, 327.779 looks on a white background.

Color Contrast Check

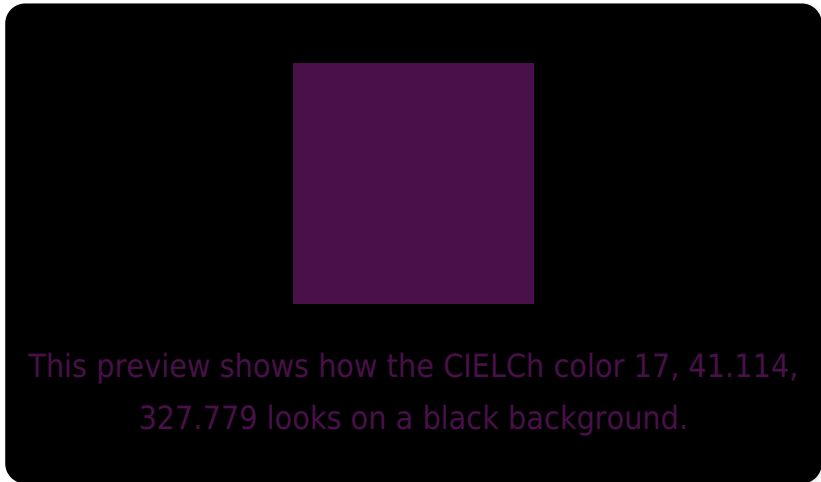
Large Text (above 18pt) WCAG AA ✓ Pass

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

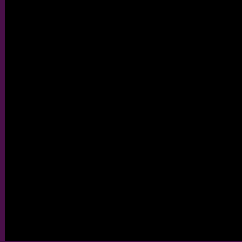
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 41.114, 327.779

Background



This preview shows how black text looks on a background with the CIELCh color 17, 41.114, 327.779.



This preview shows how white text looks on a background with the CIELCh color 17, 41.114, 327.779.

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, 41.114, 327.779

Protanopia

17, 33.531, 283.719

Deuteranopia

18, 18.393, 278.310



Tritanopia
18, 19.184, 20.698

Trichromacy



Original Color
17, 41.114, 327.779

Protanomaly
15, 36.399, 296.929

Deuteranomaly
16, 26.181, 305.186

Tritanomaly
17, 24.665, 350.766

Monochromacy



Original Color
17, 41.114, 327.779

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 17.373, 326.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 41.114, 327.779 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(74, 16, 74)` looks like.

```
.text, #text, p{  
    color:rgb(74, 16, 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(74, 16, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 16, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 41.114, 327.779 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(74, 16, 74) }
```

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

```
.border{ border-color:rgb(74, 16, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 16, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 16, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 16, 74);  
box-shadow:4px 4px 4px 4px rgb(74, 16, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 41.114, 327.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 16, 74) }
```

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

```
.background{ background-color: rgb(74, 16,  
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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