

Converting Colors

CIELCh(17, 28.809, 346.714)

Have a look what the booklet for
CIELCh(17, 28.809, 346.714)
contains.

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Color

CIELCh(17, 29.015, 346.345)

Conversions

Conversions Part 1

Format	Color
Hex	4A1634
RGB	74, 22, 52
RGB Percent	29%, 9%, 20%
CMY	0.7087, 0.9126, 0.7951
CMYK	0.00, 0.70, 0.30, 0.71
HSL	325°, 54%, 19%
HSV	325°, 70%, 29%
XYZ	3.7646, 2.3023, 3.5256
YIQ	40.9680, 21.3620, 20.3540

Conversions

Conversions Part 2

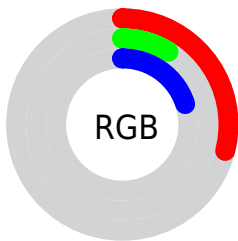
Format	Color
R_{YB}	74, 22, 52
Decimal	4855348
CIE Lab	17.00, 28.19, -6.85
CIE LCh	17, 29.015, 346.345
Yxy	2.3023, 0.3924, 0.2400
Android (android.graphics.Color)	4283045428 (0xFF4A1634)
YUV	40.9680, 5.4388, 28.9691
Hunter-Lab	15.1734, 17.7327, -3.1549

Details

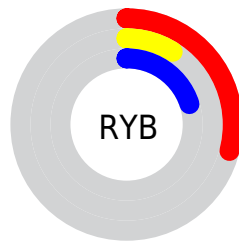
The CIELCh color **17, 29.015, 346.345** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 28.341, 152.759**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 28.835, 346.964**, and **2, 10.162, 10.272** is the 20% darker color. If you saturate the color by 10%, you get **16, 31.843, 347.904**, and if you desaturate by 10%, it is **19, 25.549, 345.030**.

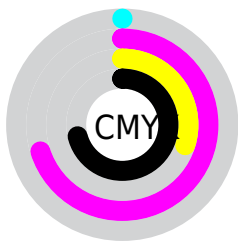
Distribution



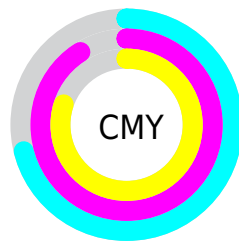
- Red (29%)
- Green (9%)
- Blue (20%)



- Red (29%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (30%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 29.015, 346.345 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, 29.015, 346.345 by changing the saturation by 10% instead.

■ 17, 29.015,
346.345

■ 17, 29.015,
346.345

■ 100, 29.015,
346.345

■ 7, 29.015, 346.345

■ 37, 29.015,
346.345

■ 0, 29.015, 346.345

■ 47, 29.015,
346.345


■ 57, 29.015,
346.345


■ 67, 29.015,
346.345


■ 77, 29.015,
346.345


■ 87, 29.015,


346.345


 97, 29.015,
346.345


 17, 29.015,
346.345


 17, 29.015,
346.345


 16, 31.843,
347.904


 19, 25.549,
345.030

 15, 33.949,
349.749

 20, 21.631,
343.894

 13, 36.125,
351.481

 23, 17.427,
342.893

 25, 13.075,
341.994

 27, 8.678, 341.173

■ 29, 4.306, 340.404

■ 32, 0.007, 311.095

■ 34, 4.194, 159.157

■ 36, 8.279, 158.535

Harmonies

Complementary

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



17, 29.015, 346.345



28, 28.341, 152.759

Rectangle

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



17, 29.015, 346.345



17, 29.015, 36.345



17, 29.015, 166.345



17, 29.015, 216.345

Sweetspot

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



17, 29.013, 346.346



35, 11.364, 341.316



13, 37.006, 309.862



16, 7.593, 341.416



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, 29.013, 346.346



21, 40.081, 349.227



16, 27.102, 22.399



14, 2.458, 340.304



21, 44.581, 352.954



50, 79.739, 355.487

Inverse Universe

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



17, 29.013, 346.346



21, 40.081, 349.227



28, 18.316, 187.767



14, 2.458, 340.304



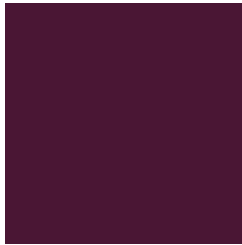
21, 44.581, 352.954



50, 79.739, 355.487

Previews

White Background



This preview shows how the CIELCh color 17, 29.015, 346.345 looks on a white background.

Color Contrast Check

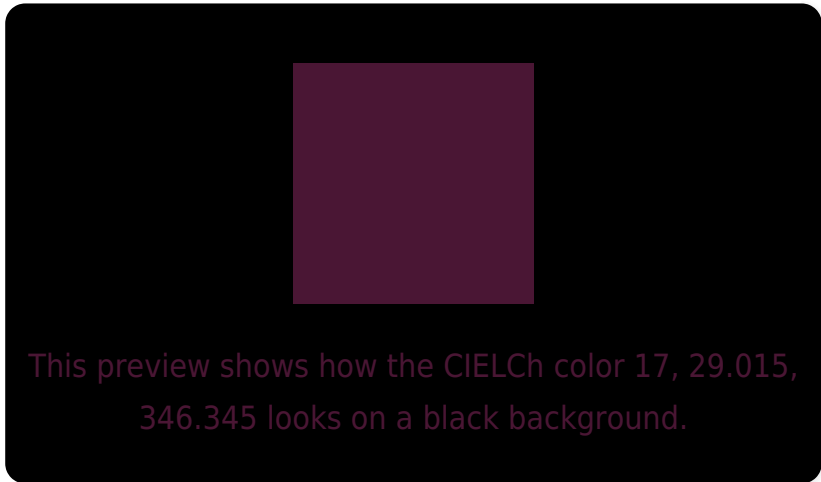
Large Text (above 18pt) WCAG AA ✓ Pass

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

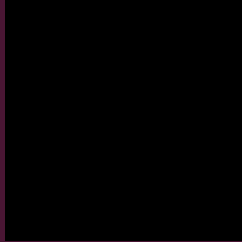
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 29.015, 346.345

Background



This preview shows how black text looks on a background with the CIELCh color 17, 29.015, 346.345.



This preview shows how white text looks on a background with the CIELCh color 17, 29.015, 346.345.

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, 29.015, 346.345

Protanopia

18, 16.718, 284.066

Deuteranopia

18, 5.067, 307.111



Tritanopia
17, 23.568, 23.123

Trichromacy



Original Color
17, 29.015, 346.345

Protanomaly
17, 19.743, 311.553

Deuteranomaly
17, 14.149, 336.002

Tritanomaly
17, 23.948, 7.808

Monochromacy



Original Color
17, 29.015, 346.345

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 11.803, 342.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 29.015, 346.345 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, 22, 52)` looks like.

```
.text, #text, p{  
    color:rgb(74, 22, 52)  
}
```

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, 22, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 22, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 29.015, 346.345 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, 22, 52) }
```

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

```
.border{ border-color:rgb(74, 22, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 22, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 22, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 22, 52);  
box-shadow:4px 4px 4px 4px rgb(74, 22, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 29.015, 346.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 22, 52) }
```

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

```
.background{ background-color: rgb(74, 22,  
52) }
```

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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