

Converting Colors

CIELCh(17, 30.376, 346.739)

Have a look what the booklet for
CIELCh(17, 30.376, 346.739)
contains.

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Color

CIELCh(17, 30.081, 347.520)

Conversions

Conversions Part 1

Format	Color
Hex	4C1534
RGB	76, 21, 52
RGB Percent	30%, 8%, 20%
CMY	0.7028, 0.9185, 0.7968
CMYK	0.00, 0.73, 0.32, 0.70
HSL	326°, 57%, 19%
HSV	326°, 73%, 30%
XYZ	3.8430, 2.3023, 3.4680
YIQ	40.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

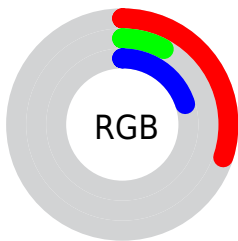
Format	Color
R_{YB}	76, 21, 52
Decimal	4986164
CIE Lab	17.00, 29.37, -6.50
CIE LCh	17, 30.081, 347.520
Yxy	2.3023, 0.3998, 0.2395
Android (android.graphics.Color)	4283176244 (0xFF4C1534)
YUV	40.9790, 5.4334, 30.7134
Hunter-Lab	15.1734, 18.6553, -2.9297

Details

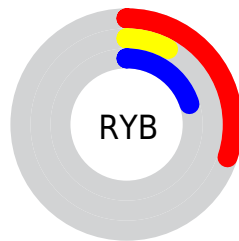
The CIELCh color **17, 30.081, 347.520** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 29.353, 152.906**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 30.091, 347.737**, and **3, 11.991, 11.674** is the 20% darker color. If you saturate the color by 10%, you get **16, 32.740, 349.227**, and if you desaturate by 10%, it is **19, 26.729, 346.094**.

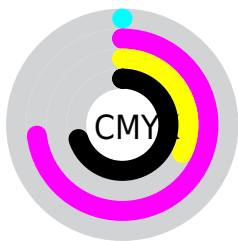
Distribution



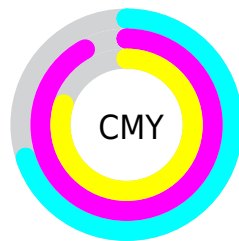
- Red (30%)
- Green (8%)
- Blue (20%)



- Red (30%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (32%)
- Black (70%)



- Cyan (70%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 30.081, 347.520 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, 30.081, 347.520 by changing the saturation by 10% instead.

■ 17, 30.081,
347.520

■ 17, 30.081,
347.520

■ 100, 30.081,
347.520

■ 7, 30.081, 347.520

■ 37, 30.081,
347.520

■ 0, 30.081, 347.520

■ 47, 30.081,
347.520


■ 57, 30.081,
347.520


■ 67, 30.081,
347.520


■ 77, 30.081,
347.520


■ 87, 30.081,


347.520


 97, 30.081,
347.520


 17, 30.081,
347.520


 17, 30.081,
347.520


 16, 32.740,
349.227


 19, 26.729,
346.094

 15, 34.764,
351.193

 20, 22.873,
344.876

 14, 36.400,
352.536

 22, 18.686,
343.812

 25, 14.320,
342.865

 27, 9.885, 342.008

■ 29, 5.463, 341.214

■ 32, 1.107, 340.359

■ 34, 3.153, 159.929

■ 37, 7.297, 159.276

Harmonies

Complementary

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



17, 30.081, 347.520



28, 29.353, 152.906

Rectangle

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



17, 30.081, 347.520



17, 30.081, 37.520



17, 30.081, 167.520



17, 30.081, 217.520

Sweetspot

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



17, 30.079, 347.521



36, 12.071, 342.031



13, 38.941, 310.449



17, 8.184, 342.140



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, 30.079, 347.521



21, 41.283, 350.810



16, 28.799, 24.386



14, 2.437, 340.912



21, 44.359, 353.969



50, 79.390, 356.613

Inverse Universe

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



17, 30.079, 347.521



21, 41.283, 350.810



29, 18.800, 189.331



14, 2.437, 340.912



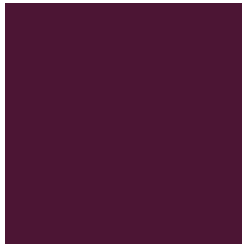
21, 44.359, 353.969



50, 79.390, 356.613

Previews

White Background



This preview shows how the CIE LCh color 17, 30.081, 347.520 looks on a white background.

Color Contrast Check

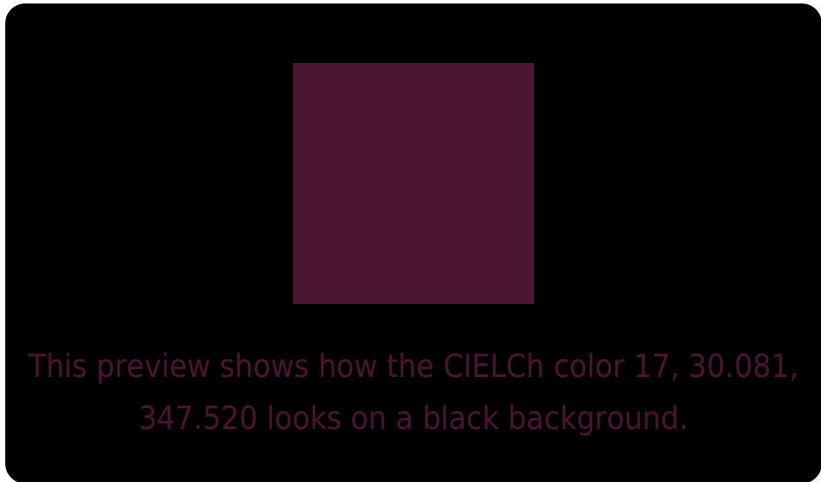
Large Text (above 18pt) WCAG AA ✓ Pass

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

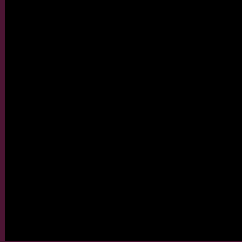
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 30.081, 347.520

Background



This preview shows how black text looks on a background with the CIELCh color 17, 30.081, 347.520.



This preview shows how white text looks on a background with the CIELCh color 17, 30.081, 347.520.

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, 30.081, 347.520

Protanopia

18, 16.718, 284.066

Deuteranopia

18, 5.067, 307.111



Tritanopia
17, 24.659, 23.712

Trichromacy



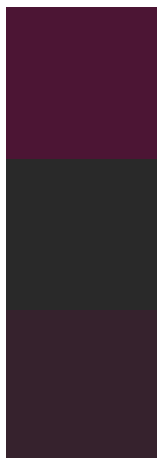
Original Color
17, 30.081, 347.520

Protanomaly
17, 19.209, 313.389

Deuteranomaly
17, 14.944, 335.574

Tritanomaly
17, 25.308, 9.602

Monochromacy



Original Color
17, 30.081, 347.520

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 12.162, 343.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 30.081, 347.520 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(76, 21, 52)` looks like.

```
.text, #text, p{  
    color:rgb(76, 21, 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(76, 21, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 21, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 30.081, 347.520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

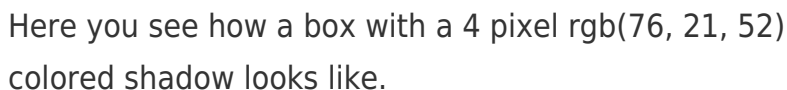
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 21, 52) }
```

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

```
.border{ border-color:rgb(76, 21, 52) }
```

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



Here you see how a box with a 4 pixel `rgb(76, 21, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 21, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 21, 52);  
box-shadow:4px 4px 4px 4px rgb(76, 21, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 30.081, 347.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 21, 52) }
```

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

```
.background{ background-color: rgb(76, 21,  
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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