

Converting Colors

CIELCh(19, 17.792, 346.790)

Have a look what the booklet for
CIELCh(19, 17.792, 346.790)
contains.

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Color

CIELCh(19, 17.792, 346.790)

Conversions

Conversions Part 1

Format	Color
Hex	432434
RGB	67, 36, 52
RGB Percent	26%, 14%, 20%
CMY	0.7355, 0.8572, 0.7945
CMYK	0.00, 0.46, 0.22, 0.74
HSL	329°, 30%, 20%
HSV	329°, 46%, 26%
XYZ	3.6172, 2.7468, 3.6370
YIQ	47.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

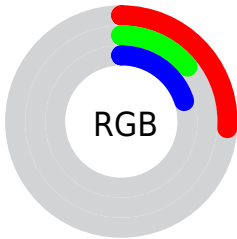
Format	Color
RYB	67, 36, 52
Decimal	4400180
CIELab	19.00, 17.32, -4.07
CIElCh	19, 17.792, 346.790
Yxy	2.7468, 0.3617, 0.2747
Android (android.graphics.Color)	4282590260 (0xFF432434)
YUV	47.0930, 2.4192, 17.4584
Hunter-Lab	16.5735, 9.9546, -1.4095

Details

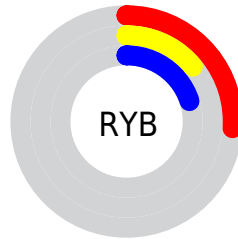
The CIELCh color **19, 17.792, 346.790** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26, 17.029, 158.817**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 17.964, 347.118**, and **2, 8.610, 5.863** is the 20% darker color. If you saturate the color by 10%, you get **17, 21.458, 347.979**, and if you desaturate by 10%, it is **21, 13.950, 345.750**.

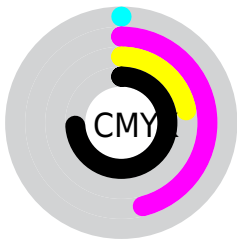
Distribution



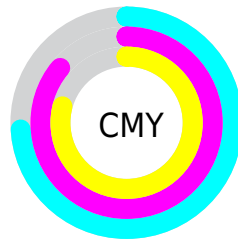
- Red (26%)
- Green (14%)
- Blue (20%)



- Red (26%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (74%)



- Cyan (74%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 17.792, 346.790 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 19, 17.792, 346.790 by changing the saturation by 10% instead.

■ 19, 17.792,
346.790

■ 19, 17.792,
346.790

■ 100, 17.792,
346.790

■ 9, 17.792, 346.790

■ 39, 17.792,
346.790

■ 0, 17.792, 346.790

■ 49, 17.792,
346.790


■ 59, 17.792,
346.790


■ 69, 17.792,
346.790


■ 79, 17.792,
346.790


■ 89, 17.792,


346.790


 99, 17.792,
346.790


 19, 17.792,
346.790


 19, 17.792,
346.790

 17, 21.458,
347.979


 21, 13.950,
345.750

 16, 24.818,
349.363

 23, 10.040,
344.820


 14, 27.717,
351.006

 25, 6.134, 343.974

 13, 30.004,
352.994

 27, 2.282, 343.162

 29, 1.486, 162.668

 12, 32.205,
354.959

 32, 5.151, 161.933

■ 11, 33.184,
355.649

■ 34, 8.706, 161.317

■ 36, 12.150,
160.750

■ 39, 15.485,
160.223

Harmonies

Complementary

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



19, 17.792, 346.790



26, 17.029, 158.817

Rectangle

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



19, 17.792, 346.790



19, 17.792, 36.790



19, 17.792, 166.790



19, 17.792, 216.790

Sweetspot

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



19, 17.791, 346.791



33, 6.597, 343.855



18, 22.337, 310.573



15, 4.486, 343.933



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



19, 17.791, 346.791



23, 25.916, 348.130



18, 15.980, 22.182



12, 2.084, 343.368



19, 42.147, 357.808



48, 77.073, 1.088

Inverse Universe

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



19, 17.791, 346.791



23, 25.916, 348.130



26, 12.086, 195.857



12, 2.084, 343.368



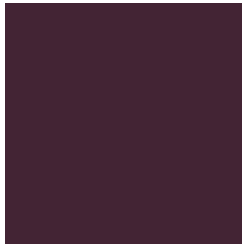
19, 42.147, 357.808



48, 77.073, 1.088

Previews

White Background



This preview shows how the CIE LCh color 19, 17.792, 346.790 looks on a white background.

Color Contrast Check

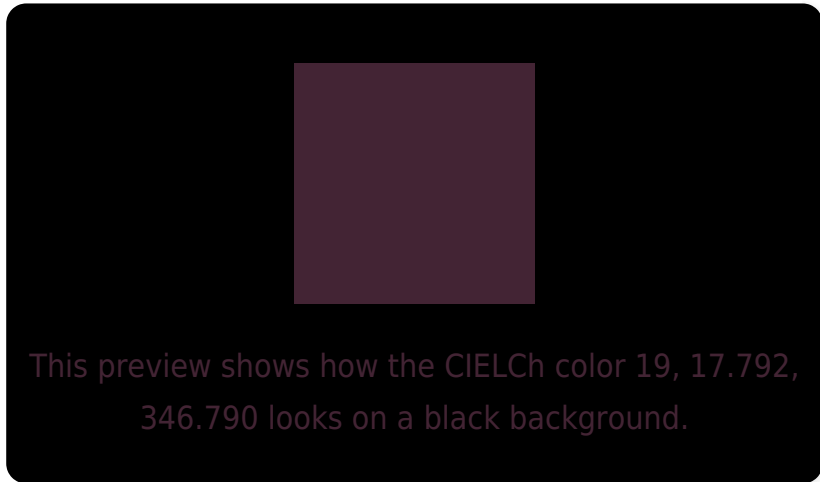
Large Text (above 18pt) WCAG AA ✓ Pass

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

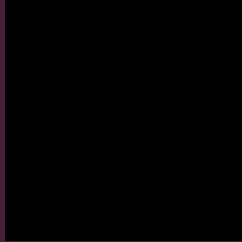
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 17.792, 346.790

Background



This preview shows how black text looks on a background with the CIELCh color 19, 17.792, 346.790.



This preview shows how white text looks on a background with the CIELCh color 19, 17.792, 346.790.

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

19, 17.792, 346.790

Protanopia

19, 8.923, 286.889

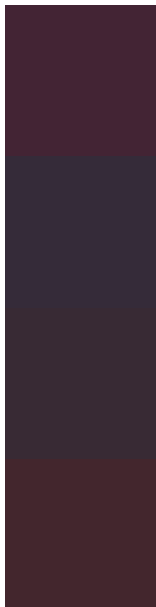
Deuteranopia

19, 4.530, 315.063



Tritanopia
19, 13.631, 17.113

Trichromacy



Original Color
19, 17.792, 346.790

Protanomaly
19, 10.620, 317.075

Deuteranomaly
19, 9.434, 335.183

Tritanomaly
19, 14.838, 4.787

Monochromacy



Original Color
19, 17.792, 346.790

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 6.603, 342.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 17.792, 346.790 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(67, 36, 52)` looks like.

```
.text, #text, p{  
    color:rgb(67, 36, 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(67, 36, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 36, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 17.792, 346.790 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(67, 36, 52) }
```

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

```
.border{ border-color:rgb(67, 36, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 36, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 36, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 36, 52);  
box-shadow:4px 4px 4px 4px rgb(67, 36, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 17.792, 346.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 36, 52) }
```

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

```
.background{ background-color: rgb(67, 36,  
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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