

Converting Colors

CIELCh(19, 17.710, 359.027)

Have a look what the booklet for
CIELCh(19, 17.710, 359.027)
contains.

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Color

CIELCh(19, 17.725, 359.669)

Conversions

Conversions Part 1

Format	Color
Hex	46242F
RGB	70, 36, 47
RGB Percent	27%, 14%, 18%
CMY	0.7264, 0.8596, 0.8165
CMYK	0.00, 0.49, 0.33, 0.73
HSL	341°, 32%, 21%
HSV	341°, 49%, 27%
XYZ	3.6433, 2.7468, 3.0061
YIQ	47.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

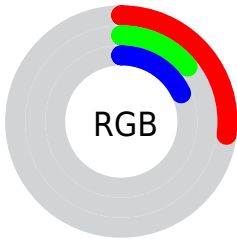
Format	Color
R_{YB}	70, 36, 47
Decimal	4596783
CIE Lab	19.00, 17.72, -0.10
CIE LCh	19, 17.725, 359.669
Yxy	2.7468, 0.3877, 0.2923
Android (android.graphics.Color)	4282786863 (0xFF46242F)
YUV	47.4200, -0.2071, 19.8027
Hunter-Lab	16.5735, 10.2357, 0.8476

Details

The CIELCh color **19, 17.725, 359.669** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27, 15.751, 169.786**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 17.636, 0.056**, and **2, 10.025, 17.100** is the 20% darker color. If you saturate the color by 10%, you get **17, 21.329, 1.383**, and if you desaturate by 10%, it is **21, 14.008, 358.238**.

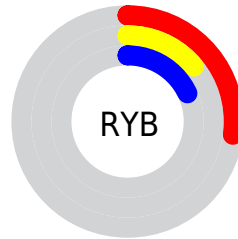
Distribution



Red (27%)

Green (14%)

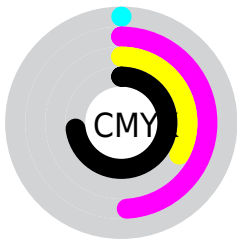
Blue (18%)



Red (27%)

Yellow (14%)

Blue (18%)

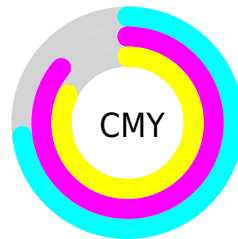


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 17.725, 359.669 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, 17.725, 359.669 by changing the saturation by 10% instead.

■ 19, 17.725,
359.669

■ 19, 17.725,
359.669

■ 100, 17.725,
359.669

■ 9, 17.725, 359.669

■ 39, 17.725,
359.669

■ 0, 17.725, 359.669

■ 49, 17.725,
359.669

■ 59, 17.725,
359.669

■ 69, 17.725,
359.669

■ 79, 17.725,
359.669

■ 89, 17.725,


359.669

 99, 17.725,
359.669


 19, 17.725,
359.669

 19, 17.725,
359.669

 17, 21.329, 1.383

 21, 14.008,
358.238

 15, 24.700, 3.462

 23, 10.278,
357.015

 14, 27.700, 6.019

 13, 30.252, 9.119

 25, 6.600, 355.950

 12, 33.002, 11.912

 28, 3.019, 354.986

 12, 33.391, 12.212

 30, 0.442, 174.739

 32, 3.774, 173.559

■ 35, 6.973, 172.863

■ 37, 10.043,
172.242

■ 39, 12.991,
171.677

Harmonies

Complementary

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



19, 17.725, 359.669



27, 15.751, 169.786

Rectangle

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



19, 17.725, 359.669



19, 17.725, 49.669



19, 17.725, 179.669



19, 17.725, 229.669

Sweetspot

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



19, 17.724, 359.671



35, 6.618, 355.648



18, 24.936, 316.519



16, 4.456, 355.739



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



19, 17.724, 359.671



24, 26.436, 1.714



20, 15.474, 36.561



13, 1.972, 354.979



19, 42.896, 15.303



48, 79.752, 19.770

Inverse Universe

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



19, 17.724, 359.671



24, 26.436, 1.714



25, 11.196, 217.408



13, 1.972, 354.979



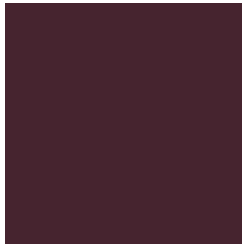
19, 42.896, 15.303



48, 79.752, 19.770

Previews

White Background



This preview shows how the CIE LCh color 19, 17.725, 359.669 looks on a white background.

Color Contrast Check

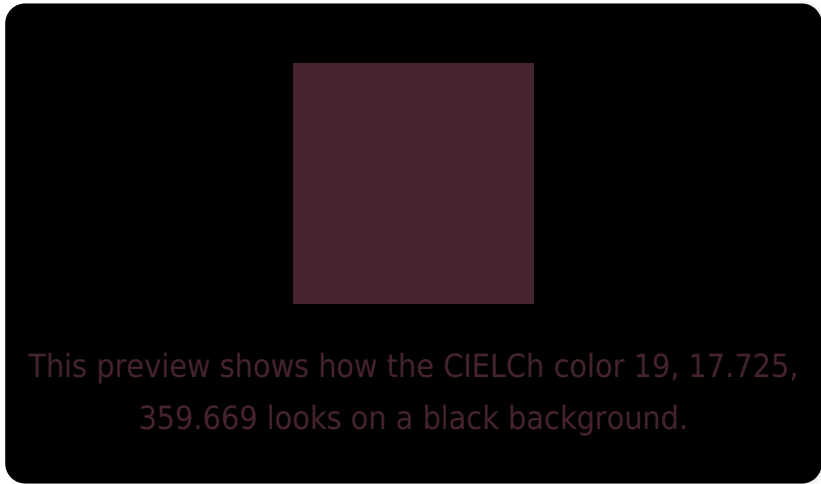
Large Text (above 18pt) WCAG AA ✓ Pass

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

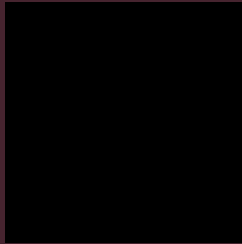
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 17.725, 359.669

Background



This preview shows how black text looks on a background with the CIELCh color 19, 17.725, 359.669.



This preview shows how white text looks on a background with the CIELCh color 19, 17.725, 359.669.

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, 17.725, 359.669

Protanopia

19, 4.798, 291.345

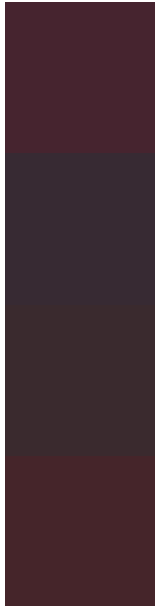
Deuteranopia

19, 3.382, 20.079



Tritanopia
19, 16.229, 16.481

Trichromacy



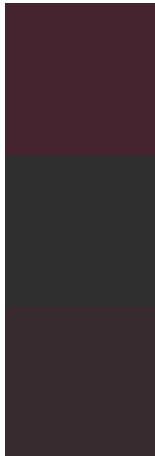
Original Color
19, 17.725, 359.669

Protanomaly
19, 8.648, 336.008

Deuteranomaly
19, 8.201, 2.016

Tritanomaly
19, 16.196, 11.725

Monochromacy



Original Color
19, 17.725, 359.669

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 6.363, 355.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 17.725, 359.669 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(70, 36, 47)` looks like.

```
.text, #text, p{  
    color:rgb(70, 36, 47)  
}
```

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(70, 36, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 36, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 17.725, 359.669 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(70, 36, 47) }
```

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

```
.border{ border-color:rgb(70, 36, 47) }
```

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

Here you see how a box with a 4 pixel rgb(70, 36, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 36, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 36, 47);  
box-shadow:4px 4px 4px 4px rgb(70, 36, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 17.725, 359.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 36, 47) }
```

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

```
.background{ background-color: rgb(70, 36,  
47) }
```

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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