

Converting Colors

CIELCh(17, 26.492, 20.469)

Have a look what the booklet for
CIELCh(17, 26.492, 20.469) contains.

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Color

CIELCh(17, 26.296, 20.608)

Conversions

Conversions Part 1

Format	Color
Hex	4C191E
RGB	76, 25, 30
RGB Percent	30%, 10%, 12%
CMY	0.7031, 0.9029, 0.8832
CMYK	0.00, 0.67, 0.61, 0.70
HSL	354°, 51%, 20%
HSV	354°, 67%, 30%
XYZ	3.5322, 2.3023, 1.4717
YIQ	40.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

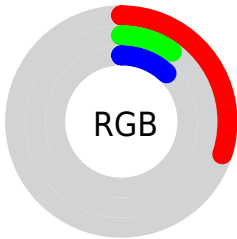
Format	Color
R_{YB}	76, 25, 30
Decimal	4987166
CIE Lab	17.00, 24.61, 9.26
CIE LCh	17, 26.296, 20.608
Yxy	2.3023, 0.4835, 0.3151
Android (android.graphics.Color)	4283177246 (0xFF4C191E)
YUV	40.8190, -5.3338, 30.8537
Hunter-Lab	15.1734, 14.9991, 4.8708

Details

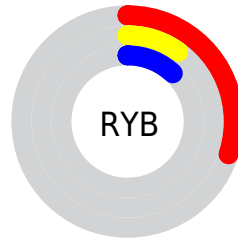
The CIELCh color **17, 26.296, 20.608** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29, 18.312, 186.406**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.231, 19.888**, and **2, 8.895, 16.806** is the 20% darker color. If you saturate the color by 10%, you get **15, 30.322, 23.505**, and if you desaturate by 10%, it is **19, 22.129, 18.267**.

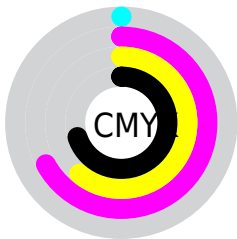
Distribution



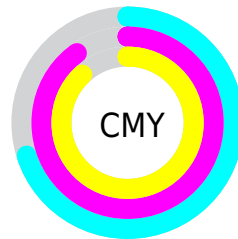
- Red (30%)
- Green (10%)
- Blue (12%)



- Red (30%)
- Yellow (10%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (61%)
- Black (70%)



- Cyan (70%)
- Magenta (90%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 26.296, 20.608 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, 26.296, 20.608 by changing the saturation by 10% instead.

 17, 26.296, 20.608

 17, 26.296, 20.608

 100, 26.296,
20.608

 7, 26.296, 20.608

 37, 26.296, 20.608

 0, 26.296, 20.608

 47, 26.296, 20.608

 57, 26.296, 20.608

 67, 26.296, 20.608

 77, 26.296, 20.608

 87, 26.296, 20.608

 97, 26.296, 20.608

■ 17, 26.296, 20.608

■ 17, 26.296, 20.608

■ 15, 30.322, 23.505

■ 19, 22.129, 18.267

■ 14, 33.867, 26.208

■ 21, 17.941, 16.384

■ 13, 36.881, 27.061

■ 23, 13.828, 14.866

■ 13, 37.683, 27.034

■ 25, 9.858, 13.628

■ 28, 6.072, 12.599

■ 30, 2.490, 11.692

■ 33, 0.887, 191.389

■ 35, 4.066, 190.544

■ 38, 7.058, 189.989

Harmonies

Complementary

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



17, 26.296, 20.608



29, 18.312, 186.406

Rectangle

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



17, 26.296, 20.608



17, 26.296, 70.608



17, 26.296, 200.608



17, 26.296, 250.608

Sweetspot

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



17, 26.295, 20.611



36, 8.881, 12.936



18, 37.092, 324.342



17, 6.136, 13.091



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, 26.295, 20.611



21, 39.733, 25.822



22, 22.216, 58.134



14, 1.925, 11.816



19, 48.479, 31.965



48, 92.323, 36.532

Inverse Universe

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



17, 26.295, 20.611



21, 39.733, 25.822



22, 16.419, 255.666



14, 1.925, 11.816



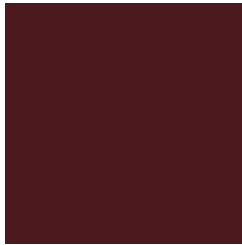
19, 48.479, 31.965



48, 92.323, 36.532

Previews

White Background



This preview shows how the CIELCh color 17, 26.296, 20.608 looks on a white background.

Color Contrast Check

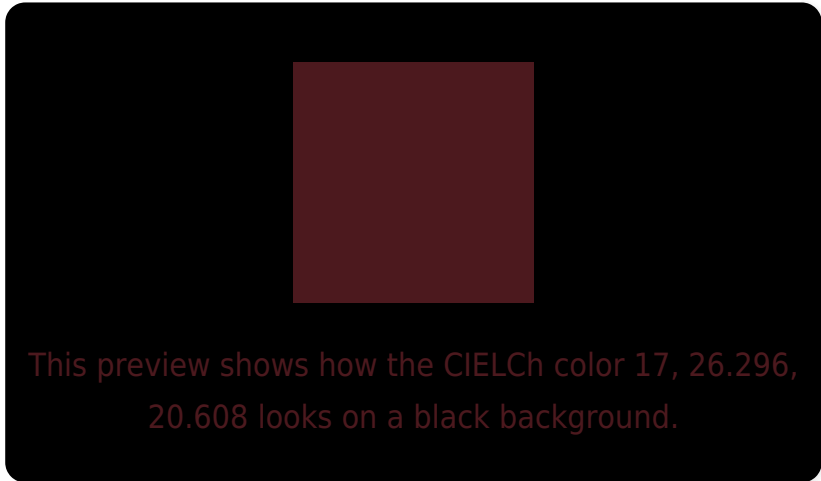
Large Text (above 18pt) WCAG AA ✓ Pass

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

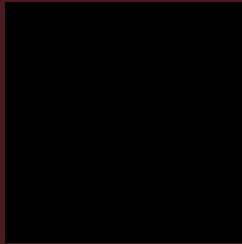
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 26.296, 20.608

Background



This preview shows how black text looks on a background with the CIELCh color 17, 26.296, 20.608.



This preview shows how white text looks on a background with the CIELCh color 17, 26.296, 20.608.

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, 26.296, 20.608

Protanopia

18, 3.585, 93.193

Deuteranopia

17, 11.431, 76.322



Tritanopia
17, 26.830, 24.884

Trichromacy



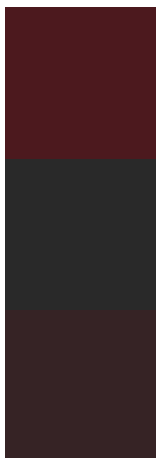
Original Color
17, 26.296, 20.608

Protanomaly
17, 10.401, 25.708

Deuteranomaly
17, 15.164, 40.788

Tritanomaly
17, 26.633, 23.481

Monochromacy



Original Color
17, 26.296, 20.608

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 9.726, 13.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 26.296, 20.608 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, 25, 30)` looks like.

```
.text, #text, p{  
    color:rgb(76, 25, 30)  
}
```

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, 25, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 25, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 26.296, 20.608 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, 25, 30) }
```

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

```
.border{ border-color:rgb(76, 25, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 25, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 25, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 25, 30);  
box-shadow:4px 4px 4px 4px rgb(76, 25, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 26.296, 20.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 25, 30) }
```

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

```
.background{ background-color: rgb(76, 25,  
30) }
```

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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