

Converting Colors

CIELCh(17, 25.008, 26.536)

Have a look what the booklet for
CIELCh(17, 25.008, 26.536) contains.

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Color

CIELCh(17, 25.064, 26.714)

Conversions

Conversions Part 1

Format	Color
Hex	4A1B1B
RGB	74, 27, 27
RGB Percent	29%, 11%, 11%
CMY	0.7106, 0.8948, 0.8947
CMYK	0.00, 0.64, 0.64, 0.71
HSL	360°, 47%, 20%
HSV	360°, 64%, 29%
XYZ	3.3928, 2.3023, 1.2930
YIQ	41.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

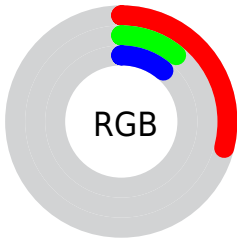
Format	Color
RYB	74, 27, 27
Decimal	4856603
CIELab	17.00, 22.39, 11.27
CIELCh	17, 25.064, 26.714
Yxy	2.3023, 0.4855, 0.3295
Android (android.graphics.Color)	4283046683 (0xFF4A1B1B)
YUV	41.0530, -6.9281, 28.8945
Hunter-Lab	15.1734, 13.3591, 5.5690

Details

The CIELCh color **17, 25.064, 26.714** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28, 16.403, 196.930**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 25.004, 27.443**, and **1, 6.850, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 29.458, 29.078**, and if you desaturate by 10%, it is **19, 20.638, 24.723**.

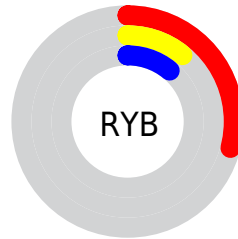
Distribution



Red (29%)

Green (11%)

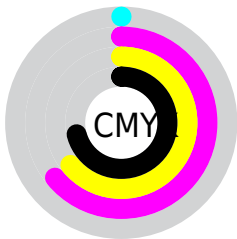
Blue (11%)



Red (29%)

Yellow (11%)

Blue (11%)

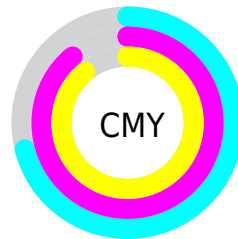


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (71%)



Cyan (71%)

Magenta (89%)

Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.064, 26.714 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, 25.064, 26.714 by changing the saturation by 10% instead.

 17, 25.064, 26.714

 17, 25.064, 26.714

 100, 25.064,
26.714

 7, 25.064, 26.714

 37, 25.064, 26.714

 0, 25.064, 26.714

 47, 25.064, 26.714

 57, 25.064, 26.714

 67, 25.064, 26.714

 77, 25.064, 26.714

 87, 25.064, 26.714

 97, 25.064, 26.714

■ 17, 25.064, 26.714

■ 17, 25.064, 26.714

■ 15, 29.458, 29.078

■ 19, 20.638, 24.723

■ 14, 33.116, 30.251

■ 21, 16.322, 23.145

■ 13, 36.046, 30.550

■ 23, 12.188, 21.904

■ 12, 37.971, 30.501

■ 26, 8.279, 20.922

■ 28, 4.613, 20.128

■ 30, 1.190, 19.349

■ 33, 2.000, 199.223

■ 36, 4.976, 198.746

■ 38, 7.755, 198.403

Harmonies

Complementary

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



17, 25.064, 26.714



28, 16.403, 196.930

Rectangle

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



17, 25.064, 26.714



17, 25.064, 76.714



17, 25.064, 206.714



17, 25.064, 256.714

Sweetspot

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



17, 25.063, 26.717



35, 8.223, 20.595



19, 35.071, 326.818



16, 5.612, 20.715



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, 25.063, 26.717



21, 38.354, 30.718



23, 20.394, 66.617



13, 1.799, 19.763



19, 49.396, 35.610



47, 95.745, 39.990

Inverse Universe

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



17, 25.063, 26.717



21, 38.354, 30.718



20, 16.943, 265.127



13, 1.799, 19.763



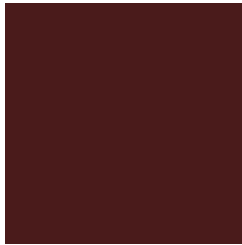
19, 49.396, 35.610



47, 95.745, 39.990

Previews

White Background



This preview shows how the CIELCh color 17, 25.064, 26.714 looks on a white background.

Color Contrast Check

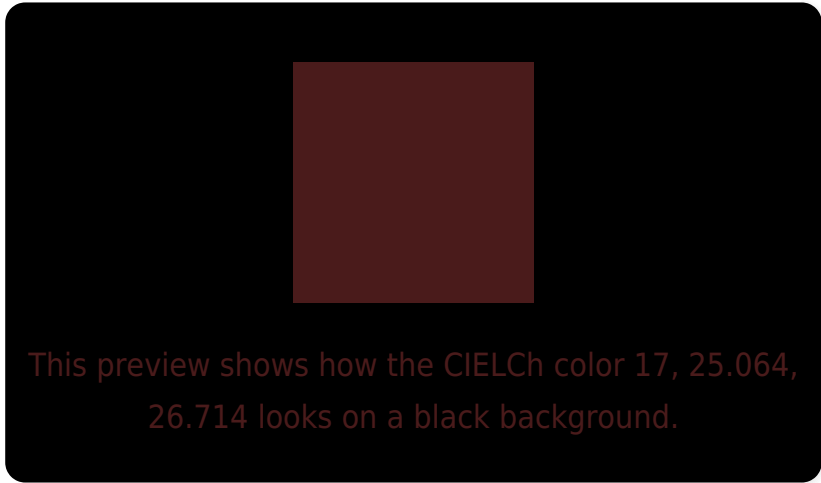
Large Text (above 18pt) WCAG AA ✓ Pass

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

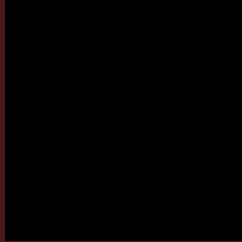
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 25.064, 26.714

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.064, 26.714.



This preview shows how white text looks on a background with the CIELCh color 17, 25.064, 26.714.

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, 25.064, 26.714

Protanopia

18, 7.054, 95.746

Deuteranopia

18, 13.533, 77.987



Tritanopia
17, 24.852, 25.228

Trichromacy



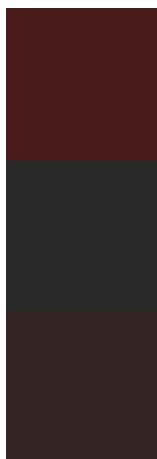
Original Color
17, 25.064, 26.714

Protanomaly
17, 11.070, 43.282

Deuteranomaly
17, 16.117, 49.568

Tritanomaly
17, 24.852, 25.228

Monochromacy



Original Color
17, 25.064, 26.714

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 8.707, 21.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.064, 26.714 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, 27, 27)` looks like.

```
.text, #text, p{  
    color:rgb(74, 27, 27)  
}
```

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, 27, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 27, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.064, 26.714 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, 27, 27) }
```

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

```
.border{ border-color:rgb(74, 27, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 27, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 27, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 27, 27);  
box-shadow:4px 4px 4px 4px rgb(74, 27, 27)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.064, 26.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 27, 27) }
```

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

```
.background{ background-color: rgb(74, 27,  
27) }
```

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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