

Converting Colors

CIELCh(17, 26.507, 332.441)

Have a look what the booklet for
CIELCh(17, 26.507, 332.441)
contains.

CIELCh(17, 26.535, 332.277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(17, 26.535, 332.277)

Conversions

Conversions Part 1

Format	Color
Hex	421C3C
RGB	66, 28, 60
RGB Percent	26%, 11%, 24%
CMY	0.7417, 0.8907, 0.7652
CMYK	0.00, 0.58, 0.09, 0.74
HSL	309°, 41%, 18%
HSV	309°, 58%, 26%
XYZ	3.4613, 2.3023, 4.5181
YIQ	43.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

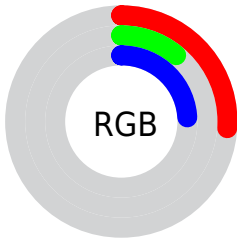
Format	Color
RYB	66, 28, 60
Decimal	4332604
CIELab	17.00, 23.49, -12.34
CIELCh	17, 26.535, 332.277
Yxy	2.3023, 0.3366, 0.2239
Android (android.graphics.Color)	4282522684 (0xFF421C3C)
YUV	43.0100, 8.3761, 20.1622
Hunter-Lab	15.1734, 14.1647, -7.0329

Details

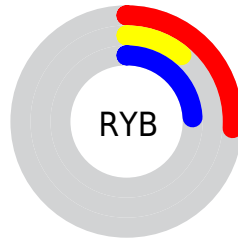
The CIELCh color **17, 26.535, 332.277** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 26.669, 144.626**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 25.985, 332.538**, and **2, 9.333, 326.475** is the 20% darker color. If you saturate the color by 10%, you get **16, 30.345, 332.853**, and if you desaturate by 10%, it is **19, 22.292, 331.706**.

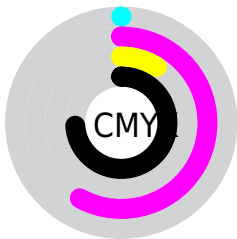
Distribution



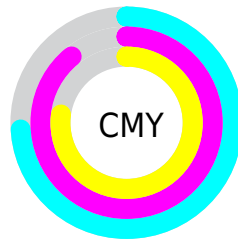
- Red (26%)
- Green (11%)
- Blue (24%)



- Red (26%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (9%)
- Black (74%)





- Cyan (74%)
- Magenta (89%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 26.535, 332.277 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, 26.535, 332.277 by changing the saturation by 10% instead.

 17, 26.535,
332.277


 17, 26.535,
332.277


 100, 26.535,
332.277


 7, 26.535, 332.277


 37, 26.535,
332.277

 0, 26.535, 332.277

 47, 26.535,
332.277


 57, 26.535,
332.277


 67, 26.535,
332.277


 77, 26.535,
332.277


 87, 26.535,


332.277


 97, 26.535,
332.277


 17, 26.535,
332.277


 17, 26.535,
332.277


 16, 30.345,
332.853


 19, 22.292,
331.706

 14, 33.564,
333.437


 20, 17.769,
331.138

 13, 36.085,
334.033

 22, 13.087,
330.576

 12, 38.590,
334.595

 24, 8.343, 330.021

 12, 39.210,
334.717

 26, 3.606, 329.463

 28, 1.075, 149.105

■ 31, 5.669, 148.499

■ 33, 10.158,
148.004

■ 35, 14.531,
147.536

Harmonies

Complementary

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



17, 26.535, 332.277



24, 26.669, 144.626

Rectangle

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



17, 26.535, 332.277



17, 26.535, 22.277



17, 26.535, 152.277



17, 26.535, 202.277

Sweetspot

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



17, 26.534, 332.277



32, 10.082, 330.025



13, 27.294, 301.468



15, 6.638, 330.057



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 26.534, 332.277



21, 38.317, 333.106



16, 20.140, 359.189



12, 2.627, 329.511



21, 50.660, 335.169



51, 92.619, 335.805

Inverse Universe

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



17, 26.534, 332.277



21, 38.317, 333.106



25, 17.827, 167.024



12, 2.627, 329.511



21, 50.660, 335.169



51, 92.619, 335.805

Previews

White Background



This preview shows how the CIELCh color 17, 26.535, 332.277 looks on a white background.

Color Contrast Check

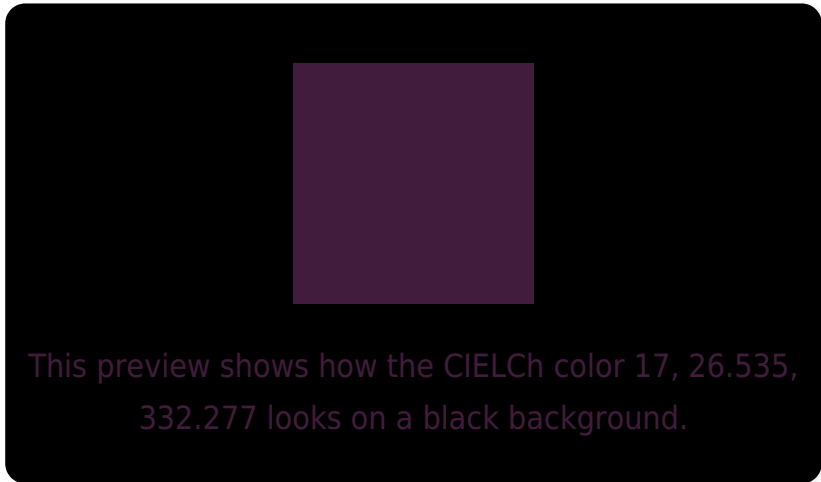
Large Text (above 18pt) WCAG AA ✓ Pass

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

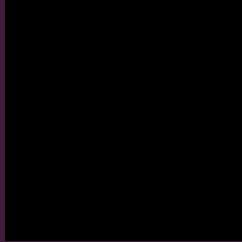
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 26.535, 332.277

Background



This preview shows how black text looks on a background with the CIELCh color 17, 26.535, 332.277.



This preview shows how white text looks on a background with the CIELCh color 17, 26.535, 332.277.

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, 26.535, 332.277

Protanopia

17, 20.294, 283.536

Deuteranopia

17, 11.135, 286.617



Tritanopia
17, 14.935, 18.189

Trichromacy



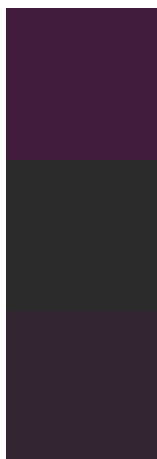
Original Color
17, 26.535, 332.277

Protanomaly
17, 21.101, 301.499

Deuteranomaly
17, 16.199, 312.133

Tritanomaly
17, 17.473, 354.059

Monochromacy



Original Color
17, 26.535, 332.277

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 10.581, 329.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 26.535, 332.277 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(66, 28, 60)` looks like.

```
.text, #text, p{  
    color:rgb(66, 28, 60)  
}
```

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(66, 28, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 28, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 26.535, 332.277 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(66, 28, 60) }
```

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

```
.border{ border-color:rgb(66, 28, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 28, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 28, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 28, 60);  
box-shadow:4px 4px 4px 4px rgb(66, 28, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 26.535, 332.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 28, 60) }
```

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

```
.background{ background-color: rgb(66, 28,  
60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor