

Converting Colors

CIELCh(17, 17.397, 171.269)

Have a look what the booklet for
CIELCh(17, 17.397, 171.269)
contains.

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Color

CIELCh(17, 17.291, 172.162)

Conversions

Conversions Part 1

Format	Color
Hex	063026
RGB	6, 48, 38
RGB Percent	2%, 19%, 15%
CMY	0.9760, 0.8114, 0.8506
CMYK	0.87, 0.00, 0.21, 0.81
HSL	166°, 77%, 11%
HSV	166°, 87%, 19%
XYZ	1.4891, 2.3023, 2.2079
YIQ	34.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

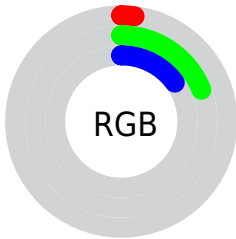
Format	Color
RYB	6, 30, 48
Decimal	405542
CIELab	17.00, -17.13, 2.36
CIELCh	17, 17.291, 172.162
Yxy	2.3023, 0.2482, 0.3838
Android (android.graphics.Color)	4278595622 (0xFF063026)
YUV	34.3020, 1.8231, -24.8209
Hunter-Lab	15.1734, -9.0357, 1.9940

Details

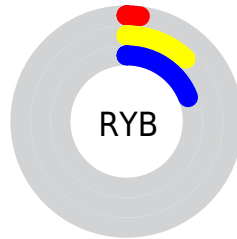
The CIELCh color **17, 17.291, 172.162** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7, 22.351, 10.918**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 16.829, 173.296**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 18.793, 171.221**, and if you desaturate by 10%, it is **17, 15.847, 173.303**.

Distribution



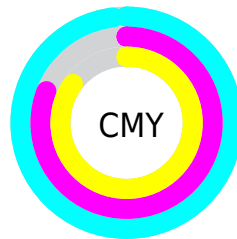
- Red (2%)
- Green (19%)
- Blue (15%)



- Red (2%)
- Yellow (12%)
- Blue (19%)



- Cyan (87%)
- Magenta (0%)
- Yellow (21%)
- Black (81%)





- Cyan (98%)
- Magenta (81%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 17.291, 172.162 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, 17.291, 172.162 by changing the saturation by 10% instead.

 17, 17.291,
172.162


 17, 17.291,
172.162


 100, 17.291,
172.162


 7, 17.291, 172.162


 37, 17.291,
172.162

 0, 17.291, 172.162

 47, 17.291,
172.162


 57, 17.291,
172.162


 67, 17.291,
172.162


 77, 17.291,
172.162


 87, 17.291,


172.162


 97, 17.291,
172.162


 17, 17.291,
172.162


 17, 17.291,
172.162

 17, 18.793,
171.221

 17, 15.847,
173.303

 17, 19.211,
170.997

 17, 14.285,
174.452

 18, 12.531,
175.511

 18, 10.606,
176.494

 18, 8.536, 177.412

■ 19, 6.350, 178.278

■ 19, 4.074, 179.107

■ 20, 1.733, 179.941

■ 20, 0.650, 0.288

Harmonies

Complementary

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



17, 17.291, 172.162



7, 22.351, 10.918

Rectangle

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



17, 17.291, 172.162



17, 17.291, 222.162



17, 17.291, 352.162



17, 17.291, 42.162

Sweetspot

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



17, 17.291, 172.161



25, 7.663, 178.258



17, 29.831, 134.832



12, 5.246, 178.207



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



17, 17.291, 172.161



23, 23.337, 169.831



13, 12.383, 235.413



7, 1.185, 179.875



32, 29.090, 168.803



77, 57.416, 166.929

Inverse Universe

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



7, 22.351, 10.918



10, 31.764, 16.676



9, 19.149, 37.681



7, 1.178, 0.888



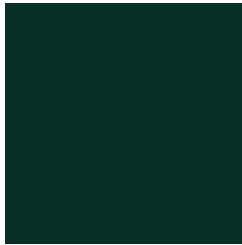
16, 40.050, 21.549



45, 79.887, 27.049

Previews

White Background



This preview shows how the CIELCh color 17, 17.291, 172.162 looks on a white background.

Color Contrast Check

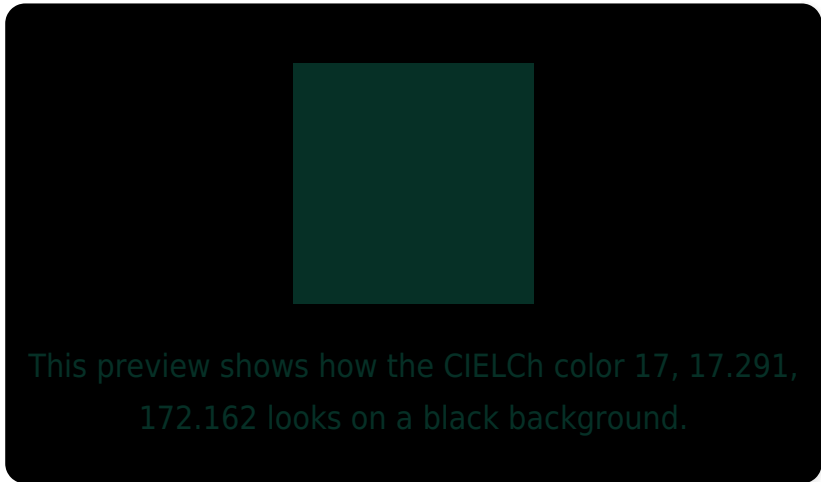
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.291, 172.162

Background



This preview shows how black text looks on a background with the CIELCh color 17, 17.291, 172.162.



This preview shows how white text looks on a background with the CIELCh color 17, 17.291, 172.162.

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, 17.291, 172.162

Protanopia

17, 5.073, 91.451

Deuteranopia

17, 3.036, 33.122



Tritanopia
17, 11.325, 211.674

Trichromacy



Original Color
17, 17.291, 172.162

Protanomaly
17, 8.369, 155.958

Deuteranomaly
17, 6.645, 166.357

Tritanomaly
17, 12.977, 193.698

Monochromacy



Original Color
17, 17.291, 172.162

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 7.518, 175.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 17.291, 172.162 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(6, 48, 38)` looks like.

```
.text, #text, p{  
    color:rgb(6, 48, 38)  
}
```

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(6, 48, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 48, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 17.291, 172.162 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(6, 48, 38) }
```

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

```
.border{ border-color:rgb(6, 48, 38) }
```

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

Here you see how a box with a 4 pixel rgb(6, 48, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 48, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 48, 38); box-shadow:4px  
4px 4px 4px rgb(6, 48, 38) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 17.291, 172.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 48, 38) }
```

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

```
.background{ background-color: rgb(6, 48,  
38) }
```

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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