

Converting Colors

CIELCh(17, 27.475, 127.803)

Have a look what the booklet for
CIELCh(17, 27.475, 127.803)
contains.

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Color

CIELCh(17, 27.181, 128.064)

Conversions

Conversions Part 1

Format	Color
Hex	1A2F07
RGB	26, 47, 7
RGB Percent	10%, 18%, 3%
CMY	0.8967, 0.8142, 0.9743
CMYK	0.44, 0.00, 0.86, 0.81
HSL	91°, 76%, 11%
HSV	91°, 86%, 19%
XYZ	1.5024, 2.3023, 0.5530
YIQ	36.1610, 0.3240, -16.8920

Conversions

Conversions Part 2

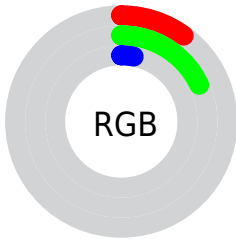
Format	Color
R_YB	7, 47, 28
Decimal	1715975
CIE Lab	17.00, -16.76, 21.40
CIE LCh	17, 27.181, 128.064
Yxy	2.3023, 0.3448, 0.5283
Android (android.graphics.Color)	4279906055 (0xFF1A2F07)
YUV	36.1610, -14.3764, -8.9112
Hunter-Lab	15.1734, -8.8793, 8.4605

Details

The CIELCh color **17, 27.181, 128.064** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **5, 29.649, 311.650**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.657, 128.441**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 29.465, 128.523**, and if you desaturate by 10%, it is **17, 24.892, 127.508**.

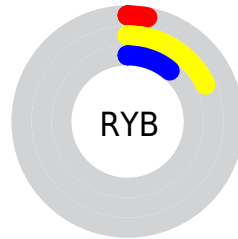
Distribution



Red (10%)

Green (18%)

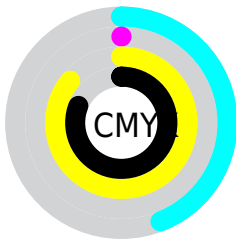
Blue (3%)



Red (3%)

Yellow (18%)

Blue (11%)

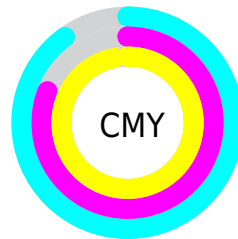


Cyan (44%)

Magenta (0%)

Yellow (86%)

Black (81%)



Cyan (90%)


Magenta (81%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 27.181, 128.064 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, 27.181, 128.064 by changing the saturation by 10% instead.

 17, 27.181,
128.064


 17, 27.181,
128.064


 100, 27.181,
128.064


 7, 27.181, 128.064

 37, 27.181,
128.064

 0, 27.181, 128.064

 47, 27.181,
128.064


 57, 27.181,
128.064


 67, 27.181,
128.064

 77, 27.181,
128.064


 87, 27.181,

128.064


 97, 27.181,
128.064


 17, 27.181,
128.064


 17, 27.181,
128.064


 17, 29.465,
128.523


 17, 24.892,
127.508

 17, 30.336,
128.672

 17, 22.247,
127.222

 18, 19.138,
127.461

 18, 15.848,
127.835

 18, 12.470,
128.232

■ 19, 9.041, 128.632

■ 19, 5.588, 129.024

■ 19, 2.132, 129.408

■ 20, 1.311, 309.700

Harmonies

Complementary

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



17, 27.181, 128.064



5, 29.649, 311.650

Rectangle

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



17, 27.181, 128.064



17, 27.181, 178.064



17, 27.181, 308.064



17, 27.181, 358.064

Sweetspot

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



17, 27.181, 128.065



25, 11.127, 128.584



12, 17.239, 63.087



11, 7.346, 128.689



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



17, 27.181, 128.065



22, 37.990, 127.164



16, 31.012, 139.604



8, 1.725, 130.008



32, 49.347, 127.274



77, 96.269, 128.705

Inverse Universe

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



5, 29.649, 311.650



6, 43.255, 313.132



9, 31.217, 327.818



7, 1.721, 309.199



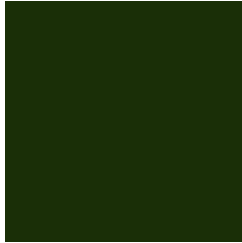
11, 56.240, 313.126



34, 109.148, 312.143

Previews

White Background



This preview shows how the CIELCh color 17, 27.181, 128.064 looks on a white background.

Color Contrast Check

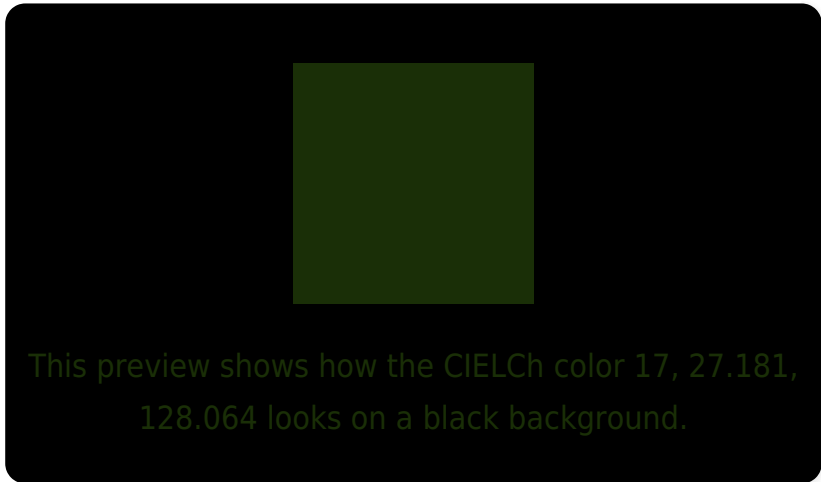
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.181, 128.064

Background



This preview shows how black text looks on a background with the CIELCh color 17, 27.181, 128.064.



This preview shows how white text looks on a background with the CIELCh color 17, 27.181, 128.064.

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, 26.804, 128.401

Protanopia

17, 22.449, 97.489

Deuteranopia

17, 20.248, 83.786



Tritanopia
17, 5.788, 227.370

Trichromacy



Original Color
17, 26.804, 128.401

Protanomaly
17, 23.141, 111.635

Deuteranomaly
17, 21.185, 104.945

Tritanomaly
17, 11.059, 148.518

Monochromacy



Original Color
17, 26.804, 128.401

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 11.241, 128.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 27.181, 128.064 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(26, 47, 7)` looks like.

```
.text, #text, p{  
    color:rgb(26, 47, 7)  
}
```

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(26, 47, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 47, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 27.181, 128.064 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(26, 47, 7) }
```

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

```
.border{ border-color:rgb(26, 47, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 47, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 47, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 47, 7); box-shadow:4px  
4px 4px 4px rgb(26, 47, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 27.181, 128.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 47, 7) }
```

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

```
.background{ background-color: rgb(26, 47,  
7) }
```

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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