

Converting Colors

CIELCh(17, 16.927, 141.809)

Have a look what the booklet for
CIELCh(17, 16.927, 141.809)
contains.

CIELCh(17, 17.628, 141.730)	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, 17.628, 141.730)

Conversions

Conversions Part 1

Format	Color
Hex	1A2F1A
RGB	26, 47, 26
RGB Percent	10%, 18%, 10%
CMY	0.8990, 0.8167, 0.8990
CMYK	0.45, 0.00, 0.45, 0.82
HSL	120°, 29%, 14%
HSV	120°, 45%, 18%
XYZ	1.6097, 2.3023, 1.3229
YIQ	38.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

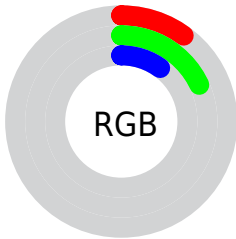
Format	Color
RYB	26, 47, 47
Decimal	1715994
CIELab	17.00, -13.84, 10.92
CIElCh	17, 17.628, 141.730
Yxy	2.3023, 0.3075, 0.4398
Android (android.graphics.Color)	4279906074 (0xFF1A2F1A)
YUV	38.3270, -6.0772, -10.8108
Hunter-Lab	15.1734, -7.6173, 5.4522

Details

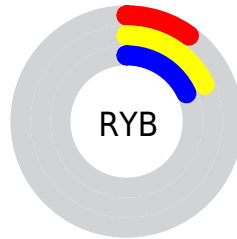
The CIELCh color **17, 17.628, 141.730** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 17.606, 326.431**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 17.848, 141.835**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 21.360, 140.902**, and if you desaturate by 10%, it is **17, 13.762, 142.479**.

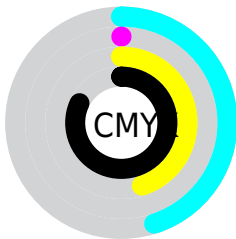
Distribution



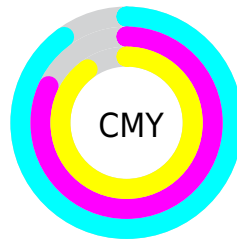
- Red (10%)
- Green (18%)
- Blue (10%)



- Red (10%)
- Yellow (18%)
- Blue (18%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (82%)



- Cyan (90%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 17.628, 141.730 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, 17.628, 141.730 by changing the saturation by 10% instead.

■ 17, 17.628,
141.730

■ 17, 17.628,
141.730

■ 100, 17.628,
141.730

■ 7, 17.628, 141.730

■ 37, 17.628,
141.730

■ 0, 17.628, 141.730

■ 47, 17.628,
141.730


■ 57, 17.628,
141.730


■ 67, 17.628,
141.730


■ 77, 17.628,
141.730


■ 87, 17.628,


141.730


 97, 17.628,
141.730

 17, 17.628,
141.730


 17, 17.628,
141.730

 17, 21.360,
140.902

 17, 13.762,
142.479


 16, 24.840,
140.118

 18, 9.823, 143.145


 16, 27.797,
139.801

 18, 5.862, 143.735

 19, 1.918, 144.279

 16, 30.312,
139.754

 20, 1.979, 324.627

 16, 32.878,
139.868

 20, 5.807, 325.046

■ 16, 34.225,
139.981

■ 21, 9.550, 325.389

■ 22, 13.201,
325.686

■ 22, 16.753,
325.944

Harmonies

Complementary

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



17, 17.628, 141.730



13, 17.606, 326.431

Rectangle

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



17, 17.628, 141.730



17, 17.628, 191.730



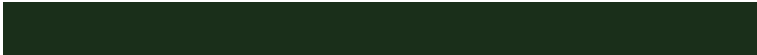
17, 17.628, 321.730



17, 17.628, 11.730

Sweetspot

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



17, 17.628, 141.730



25, 6.408, 143.800



19, 14.104, 106.633



11, 4.379, 143.771



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, 17.628, 141.730



23, 26.281, 140.710



17, 12.116, 160.083



7, 1.972, 144.484



31, 54.568, 136.027



75, 105.002, 136.020

Inverse Universe

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



13, 17.606, 326.431



16, 26.172, 326.913



12, 12.665, 347.238



7, 1.976, 324.427



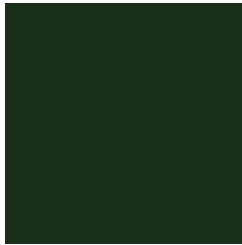
19, 52.643, 328.253



51, 101.275, 328.255

Previews

White Background



This preview shows how the CIELCh color 17, 17.628, 141.730 looks on a white background.

Color Contrast Check

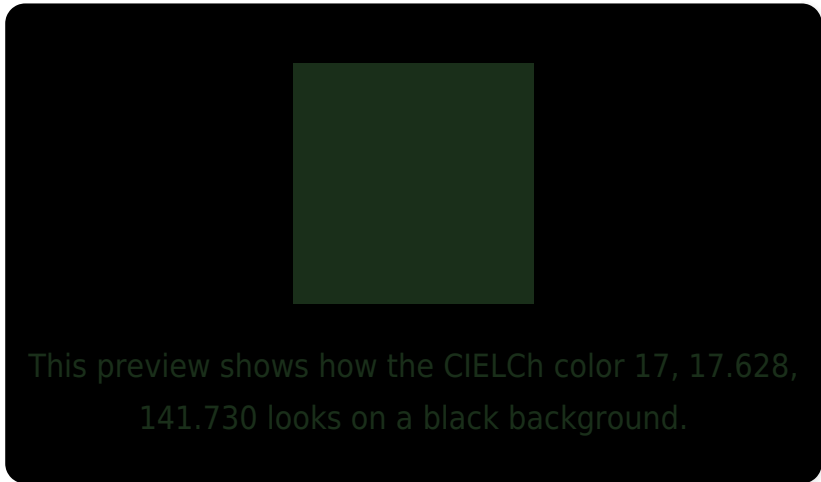
Large Text (above 18pt) WCAG AA ✓ Pass

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

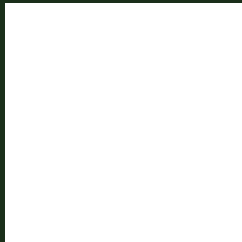
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 17.628, 141.730

Background



This preview shows how black text looks on a background with the CIELCh color 17, 17.628, 141.730.



This preview shows how white text looks on a background with the CIELCh color 17, 17.628, 141.730.

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](#).

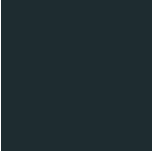
Dichromacy



Original Color
17, 17.628, 141.730

Protanopia
17, 12.522, 96.942

Deuteranopia
17, 10.574, 77.104



Tritanopia
17, 6.481, 223.927

Trichromacy



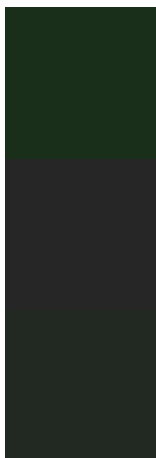
Original Color
17, 17.628, 141.730

Protanomaly
17, 13.196, 118.265

Deuteranomaly
17, 10.329, 110.335

Tritanomaly
17, 8.490, 173.336

Monochromacy



Original Color
17, 17.628, 141.730

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 6.012, 143.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 17.628, 141.730 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, 26)` looks like.

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

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, 26) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 17, 17.628, 141.730 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, 26) }
```

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

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

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, 26) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 17, 17.628, 141.730 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, 26) }
```

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

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

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