

Converting Colors

CIELCh(17, 9.638, 175.129)

Have a look what the booklet for
CIELCh(17, 9.638, 175.129) contains.

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Color

CIELCh(17, 9.903, 172.370)

Conversions

Conversions Part 1

Format	Color
Hex	1A2E28
RGB	26, 46, 40
RGB Percent	10%, 18%, 16%
CMY	0.8990, 0.8206, 0.8441
CMYK	0.44, 0.00, 0.13, 0.82
HSL	162°, 28%, 14%
HSV	162°, 44%, 18%
XYZ	1.7658, 2.3023, 2.3370
YIQ	39.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

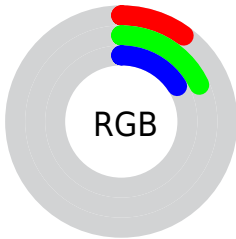
Format	Color
RYB	26, 38, 46
Decimal	1715752
CIELab	17.00, -9.82, 1.31
CIELCh	17, 9.903, 172.370
Yxy	2.3023, 0.2757, 0.3594
Android (android.graphics.Color)	4279905832 (0xFF1A2E28)
YUV	39.3360, 0.3274, -11.6957
Hunter-Lab	15.1734, -5.7803, 1.4895

Details

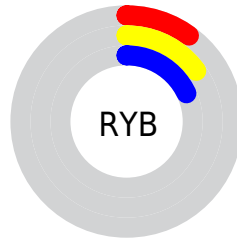
The CIELCh color **17, 9.903, 172.370** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 11.017, 0.125**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 10.069, 172.608**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 11.937, 171.372**, and if you desaturate by 10%, it is **17, 7.755, 173.294**.

Distribution



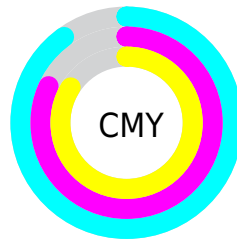
- Red (10%)
- Green (18%)
- Blue (16%)



- Red (10%)
- Yellow (15%)
- Blue (18%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (82%)



- Cyan (90%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 9.903, 172.370 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, 9.903, 172.370 by changing the saturation by 10% instead.

■ 17, 9.903, 172.370

■ 17, 9.903, 172.370

■ 100, 9.903,
172.370

■ 7, 9.903, 172.370

■ 37, 9.903, 172.370

■ 0, 9.903, 172.370

■ 47, 9.903, 172.370

■ 57, 9.903, 172.370

■ 67, 9.903, 172.370

■ 77, 9.903, 172.370

■ 87, 9.903, 172.370

■ 97, 9.903, 172.370

■ 17, 9.903, 172.370

■ 17, 9.903, 172.370

■ 17, 11.937,
171.372

■ 17, 7.755, 173.294

■ 16, 13.828,
170.292

■ 18, 5.517, 174.162

■ 16, 15.554,
169.116

■ 18, 3.215, 174.992

■ 16, 17.136,
167.890

■ 19, 1.493, 356.308

■ 16, 18.759,
166.883

■ 20, 3.862, 357.068

■ 16, 19.817,
166.360

■ 20, 6.223, 357.745

■ 21, 8.565, 358.386

■ 21, 10.879,
359.000

Harmonies

Complementary

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



17, 9.903, 172.370



12, 11.017, 0.125

Rectangle

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



17, 9.903, 172.370



17, 9.903, 222.370



17, 9.903, 352.370



17, 9.903, 42.370

Sweetspot

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



17, 9.903, 172.368



24, 3.761, 174.991



17, 15.363, 133.987



11, 2.661, 174.940



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, 9.903, 172.368



22, 14.215, 171.255



16, 7.178, 221.326



7, 1.224, 175.413



32, 31.291, 163.681



76, 62.142, 161.639

Inverse Universe

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



12, 11.017, 0.125



15, 16.261, 1.667



13, 9.246, 39.320



7, 1.214, 356.543



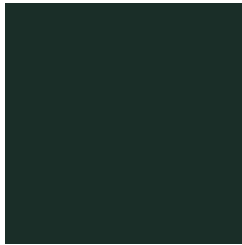
16, 39.128, 16.328



45, 77.141, 21.746

Previews

White Background



This preview shows how the CIELCh color 17, 9.903, 172.370 looks on a white background.

Color Contrast Check

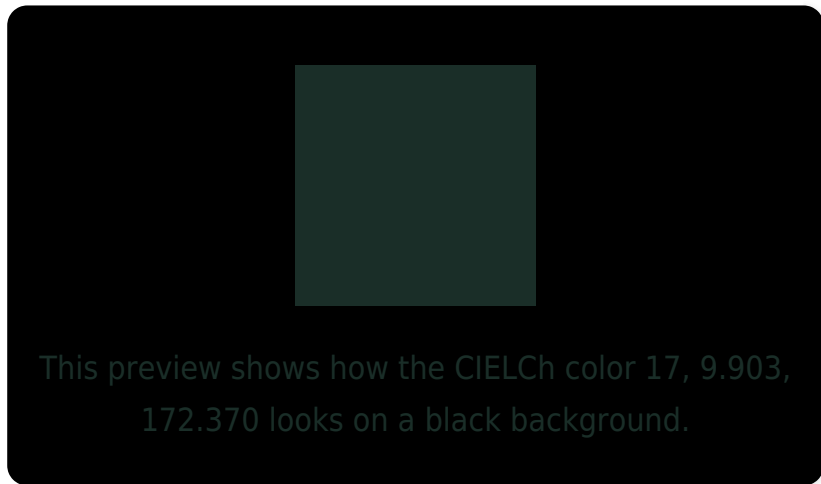
Large Text (above 18pt) WCAG AA ✓ Pass

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

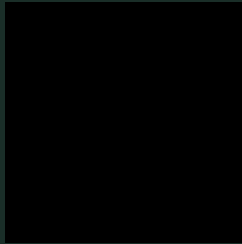
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 9.903, 172.370

Background



This preview shows how black text looks on a background with the CIELCh color 17, 9.903, 172.370.



This preview shows how white text looks on a background with the CIELCh color 17, 9.903, 172.370.

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

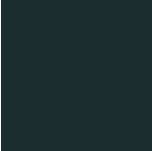
17, 9.903, 172.370

Protanopia

17, 2.936, 89.727

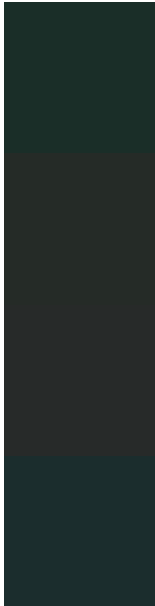
Deuteranopia

17, 3.010, 6.748



Tritanopia
17, 7.359, 214.618

Trichromacy



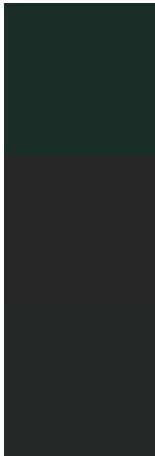
Original Color
17, 9.903, 172.370

Protanomaly
17, 4.024, 154.875

Deuteranomaly
17, 1.595, 173.274

Tritanomaly
17, 7.711, 197.817

Monochromacy



Original Color
17, 9.903, 172.370

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 3.612, 175.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 9.903, 172.370 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, 46, 40)` looks like.

```
.text, #text, p{  
    color:rgb(26, 46, 40)  
}
```

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, 46, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 46, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 9.903, 172.370 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, 46, 40) }
```

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

```
.border{ border-color:rgb(26, 46, 40) }
```

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

Here you see how a box with a 4 pixel rgb(26, 46, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 46, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 46, 40);  
box-shadow:4px 4px 4px 4px rgb(26, 46, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 9.903, 172.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 46, 40) }
```

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

```
.background{ background-color: rgb(26, 46,  
40) }
```

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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