

Converting Colors

CIELCh(17, 11.371, 172.086)

Have a look what the booklet for
CIELCh(17, 11.371, 172.086)
contains.

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Color

CIELCh(17, 11.290, 171.423)

Conversions

Conversions Part 1

Format	Color
Hex	172E27
RGB	23, 46, 39
RGB Percent	9%, 18%, 15%
CMY	0.9090, 0.8188, 0.8463
CMYK	0.50, 0.00, 0.15, 0.82
HSL	162°, 33%, 14%
HSV	162°, 50%, 18%
XYZ	1.7124, 2.3023, 2.2908
YIQ	38.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

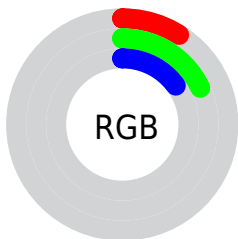
Format	Color
RYB	23, 37, 46
Decimal	1519143
CIELab	17.00, -11.16, 1.68
CIELCh	17, 11.290, 171.423
Yxy	2.3023, 0.2716, 0.3651
Android (android.graphics.Color)	4279709223 (0xFF172E27)
YUV	38.3250, 0.3328, -13.4400
Hunter-Lab	15.1734, -6.4085, 1.6701

Details

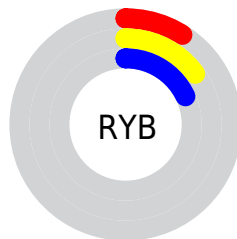
The CIELCh color **17, 11.290, 171.423** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11, 12.730, 0.605**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 11.411, 172.162**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 13.266, 170.369**, and if you desaturate by 10%, it is **17, 9.182, 172.394**.

Distribution



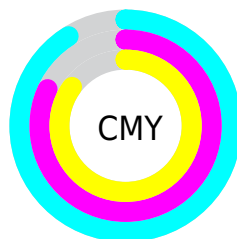
- Red (9%)
- Green (18%)
- Blue (15%)



- Red (9%)
- Yellow (15%)
- Blue (18%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (82%)



- Cyan (91%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 11.290, 171.423 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, 11.290, 171.423 by changing the saturation by 10% instead.

■ 17, 11.290,
171.423

■ 17, 11.290,
171.423

■ 100, 11.290,
171.423

■ 7, 11.290, 171.423

■ 37, 11.290,
171.423

■ 0, 11.290, 171.423

■ 47, 11.290,
171.423


■ 57, 11.290,
171.423


■ 67, 11.290,
171.423


■ 77, 11.290,
171.423


■ 87, 11.290,

171.423


 97, 11.290,
171.423

 17, 11.290,
171.423


 17, 11.290,
171.423

 17, 13.266,
170.369


 17, 9.182, 172.394

 16, 15.084,
169.224


 18, 6.968, 173.300

 16, 16.724,
167.975

 18, 4.676, 174.153

 16, 18.337,
166.856

 19, 0.052, 352.353

 16, 20.018,
165.968

 20, 2.447, 356.295

 20, 4.839, 357.008

■ 16, 20.054,
165.952

■ 21, 7.218, 357.669

■ 21, 9.572, 358.298

Harmonies

Complementary

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



17, 11.290, 171.423



11, 12.730, 0.605

Rectangle

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



17, 11.290, 171.423



17, 11.290, 221.423



17, 11.290, 351.423



17, 11.290, 41.423

Sweetspot

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



17, 11.290, 171.421



25, 4.503, 174.475



17, 17.508, 133.204



11, 2.999, 174.460



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, 11.290, 171.421



23, 16.706, 169.941



16, 8.126, 219.488



7, 1.228, 175.077



32, 31.468, 163.310



76, 62.522, 161.258

Inverse Universe

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



11, 12.730, 0.605



14, 19.456, 2.778



12, 10.960, 37.919



7, 1.217, 356.214



16, 39.071, 15.905



45, 76.958, 21.310

Previews

White Background



This preview shows how the CIELCh color 17, 11.290, 171.423 looks on a white background.

Color Contrast Check

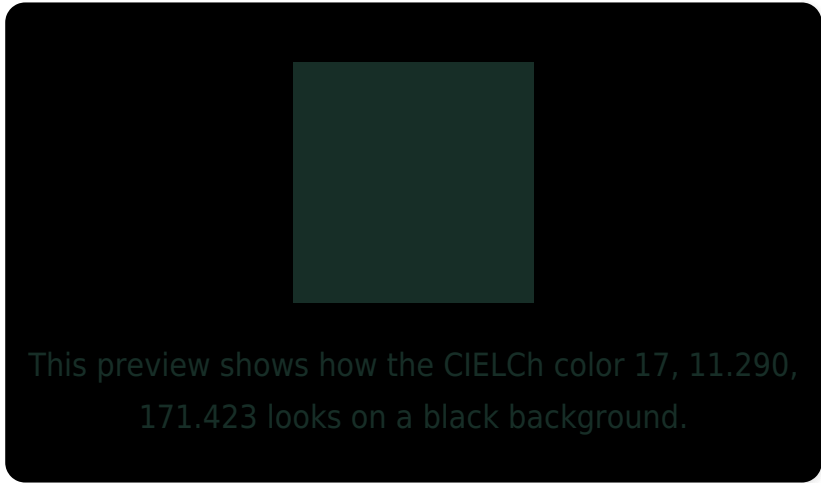
Large Text (above 18pt) WCAG AA ✓ Pass

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

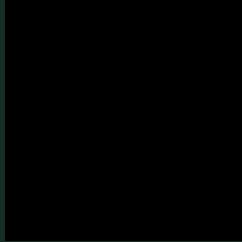
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 11.290, 171.423

Background



This preview shows how black text looks on a background with the CIELCh color 17, 11.290, 171.423.



This preview shows how white text looks on a background with the CIELCh color 17, 11.290, 171.423.

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, 11.290, 171.423

Protanopia

17, 3.598, 93.166

Deuteranopia

17, 2.947, 20.027



Tritanopia
17, 8.155, 218.049

Trichromacy



Original Color
17, 11.290, 171.423

Protanomaly
17, 5.696, 151.329

Deuteranomaly
17, 2.378, 163.079

Tritanomaly
17, 8.437, 197.668

Monochromacy



Original Color
17, 11.290, 171.423

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 4.752, 172.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 11.290, 171.423 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(23, 46, 39)` looks like.

```
.text, #text, p{  
    color:rgb(23, 46, 39)  
}
```

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(23, 46, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 46, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 11.290, 171.423 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(23, 46, 39) }
```

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

```
.border{ border-color:rgb(23, 46, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 46, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 46, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 46, 39);  
box-shadow:4px 4px 4px 4px rgb(23, 46, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 11.290, 171.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 46, 39) }
```

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

```
.background{ background-color: rgb(23, 46,  
39) }
```

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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