

Converting Colors

CIELCh(17, 15.941, 159.854)

Have a look what the booklet for
CIELCh(17, 15.941, 159.854)
contains.

CIELCh(17, 15.645, 161.058)	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, 15.645, 161.058)

Conversions

Conversions Part 1

Format	Color
Hex	122F22
RGB	18, 47, 34
RGB Percent	7%, 18%, 13%
CMY	0.9284, 0.8146, 0.8657
CMYK	0.61, 0.00, 0.28, 0.81
HSL	153°, 44%, 13%
HSV	153°, 61%, 19%
XYZ	1.5739, 2.3023, 1.8937
YIQ	36.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

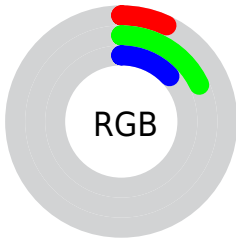
Format	Color
RYB	18, 37, 47
Decimal	1191714
CIELab	17.00, -14.80, 5.08
CIELCh	17, 15.645, 161.058
Yxy	2.3023, 0.2728, 0.3990
Android (android.graphics.Color)	4279381794 (0xFF122F22)
YUV	36.8470, -1.4036, -16.5288
Hunter-Lab	15.1734, -8.0380, 3.2218

Details

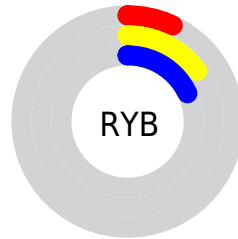
The CIELCh color **17, 15.645, 161.058** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10, 16.841, 352.346**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 15.570, 160.878**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 17.833, 159.829**, and if you desaturate by 10%, it is **17, 13.306, 162.169**.

Distribution



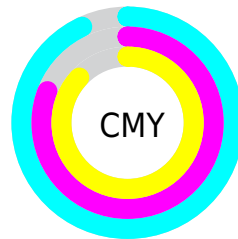
- Red (7%)
- Green (18%)
- Blue (13%)



- Red (7%)
- Yellow (15%)
- Blue (18%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (81%)



- Cyan (93%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 15.645, 161.058 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, 15.645, 161.058 by changing the saturation by 10% instead.

■ 17, 15.645,
161.058

■ 17, 15.645,
161.058

■ 100, 15.645,
161.058

■ 7, 15.645, 161.058

■ 37, 15.645,
161.058

■ 0, 15.645, 161.058

■ 47, 15.645,
161.058


■ 57, 15.645,
161.058


■ 67, 15.645,
161.058


■ 77, 15.645,
161.058


■ 87, 15.645,


161.058


 97, 15.645,
161.058


 17, 15.645,
161.058


 17, 15.645,
161.058

 17, 17.833,
159.829


 17, 13.306,
162.169

 17, 19.850,
158.486

 18, 10.844,
163.178

 16, 21.860,
157.338

 18, 8.290, 164.100

 16, 23.649,
156.567

 18, 5.674, 164.947

 19, 3.022, 165.744

 19, 0.357, 166.844

■ 20, 2.301, 347.006

■ 21, 4.936, 347.665

■ 21, 7.537, 348.262

Harmonies

Complementary

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



17, 15.645, 161.058



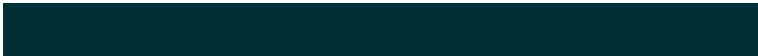
10, 16.841, 352.346

Rectangle

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



17, 15.645, 161.058



17, 15.645, 211.058



17, 15.645, 341.058



17, 15.645, 31.058

Sweetspot

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



17, 15.645, 161.057



25, 5.949, 165.139



17, 20.940, 128.479



11, 4.035, 165.093



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, 15.645, 161.057



22, 22.624, 158.931



17, 10.729, 202.728



7, 1.345, 165.937



32, 37.017, 153.806



76, 74.280, 151.620

Inverse Universe

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



10, 16.841, 352.346



13, 24.468, 355.013



10, 15.574, 27.321



7, 1.328, 347.076



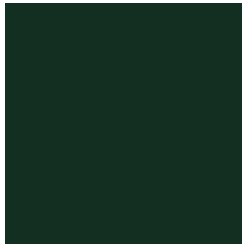
16, 38.562, 2.992



46, 74.023, 7.444

Previews

White Background



This preview shows how the CIELCh color 17, 15.645, 161.058 looks on a white background.

Color Contrast Check

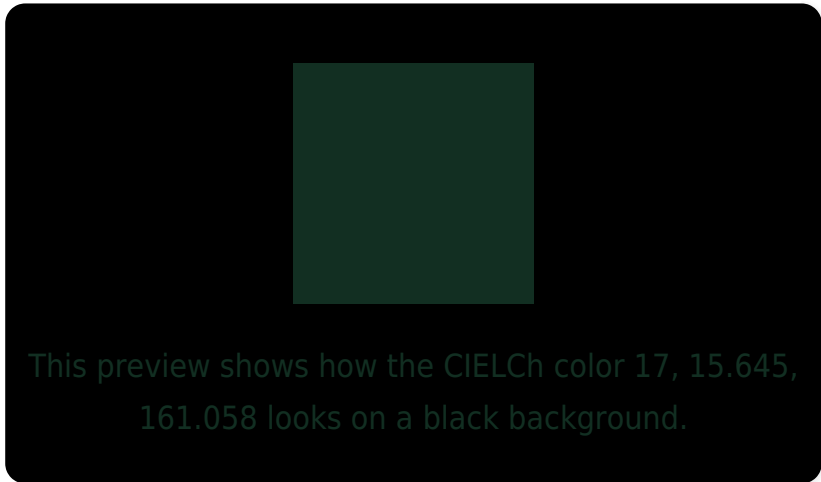
Large Text (above 18pt) WCAG AA ✓ Pass

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

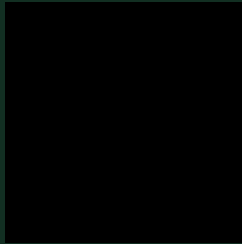
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 15.645, 161.058

Background



This preview shows how black text looks on a background with the CIELCh color 17, 15.645, 161.058.



This preview shows how white text looks on a background with the CIELCh color 17, 15.645, 161.058.

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](#).

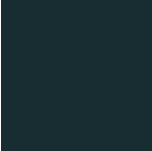
Dichromacy



Original Color
17, 15.645, 161.058

Protanopia
17, 7.079, 95.698

Deuteranopia
17, 4.942, 54.084



Tritanopia
17, 9.103, 215.714

Trichromacy



Original Color
17, 15.645, 161.058

Protanomaly
17, 8.836, 138.335

Deuteranomaly
17, 6.306, 136.619

Tritanomaly
17, 10.440, 189.529

Monochromacy



Original Color
17, 15.645, 161.058

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 6.335, 164.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 15.645, 161.058 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(18, 47, 34)` looks like.

```
.text, #text, p{  
    color:rgb(18, 47, 34)  
}
```

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(18, 47, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 47, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 15.645, 161.058 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(18, 47, 34) }
```

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

```
.border{ border-color:rgb(18, 47, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 47, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 47, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 47, 34);  
box-shadow:4px 4px 4px 4px rgb(18, 47, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 15.645, 161.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 47, 34) }
```

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

```
.background{ background-color: rgb(18, 47,  
34) }
```

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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