

Converting Colors

CIELCh(17, 12.534, 169.011)

Have a look what the booklet for
CIELCh(17, 12.534, 169.011)
contains.

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Color

CIELCh(17, 13.011, 167.995)

Conversions

Conversions Part 1

Format	Color
Hex	152F26
RGB	21, 47, 38
RGB Percent	8%, 18%, 15%
CMY	0.9189, 0.8169, 0.8522
CMYK	0.56, 0.00, 0.19, 0.82
HSL	159°, 39%, 13%
HSV	159°, 56%, 18%
XYZ	1.6519, 2.3023, 2.1659
YIQ	38.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

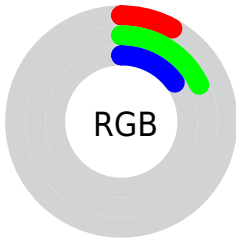
Format	Color
R_{YB}	21, 37, 47
Decimal	1388326
CIE _{Lab}	17.00, -12.73, 2.71
CIE _{LCh}	17, 13.011, 167.995
Yxy	2.3023, 0.2699, 0.3762
Android (android.graphics.Color)	4279578406 (0xFF152F26)
YUV	38.2000, -0.0986, -15.0844
Hunter-Lab	15.1734, -7.1204, 2.1582

Details

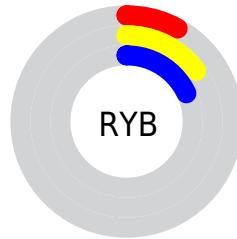
The CIELCh color **17, 13.011, 167.995** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11, 14.572, 358.540**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 12.723, 168.670**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 15.010, 166.858**, and if you desaturate by 10%, it is **17, 10.868, 169.034**.

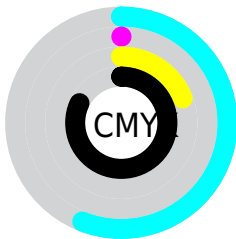
Distribution



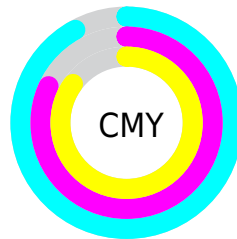
- Red (8%)
- Green (18%)
- Blue (15%)



- Red (8%)
- Yellow (15%)
- Blue (18%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (82%)



- Cyan (92%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 13.011, 167.995 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, 13.011, 167.995 by changing the saturation by 10% instead.

■ 17, 13.011,
167.995

■ 17, 13.011,
167.995

■ 100, 13.011,
167.995

■ 7, 13.011, 167.995

■ 37, 13.011,
167.995

■ 0, 13.011, 167.995

■ 47, 13.011,
167.995


■ 57, 13.011,
167.995


■ 67, 13.011,
167.995


■ 77, 13.011,
167.995


■ 87, 13.011,


167.995


 97, 13.011,
167.995

 17, 13.011,
167.995


 17, 13.011,
167.995

 17, 15.010,
166.858


 17, 10.868,
169.034

 17, 16.840,
165.613


 18, 8.608, 169.993

 16, 18.547,
164.353

 18, 6.260, 170.884

 16, 20.312,
163.347

 18, 3.849, 171.724

 16, 21.095,
162.984

 19, 1.068, 353.020

■ 20, 3.535, 353.817

■ 21, 5.989, 354.490

■ 21, 8.417, 355.122

Harmonies

Complementary

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



17, 13.011, 167.995



11, 14.572, 358.540

Rectangle

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



17, 13.011, 167.995



17, 13.011, 217.995



17, 13.011, 347.995



17, 13.011, 37.995

Sweetspot

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



17, 13.011, 167.994



25, 5.232, 171.534



17, 19.475, 131.927



11, 3.417, 171.547



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, 13.011, 167.994



23, 18.973, 166.225



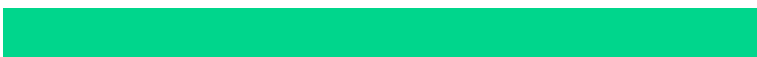
16, 9.114, 215.316



7, 1.258, 172.290



32, 33.013, 160.291



76, 65.819, 158.173

Inverse Universe

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



11, 14.572, 358.540



13, 21.792, 1.102



11, 12.867, 35.120



7, 1.245, 353.461



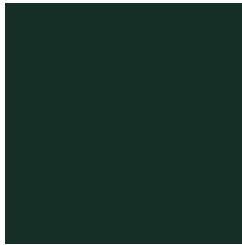
16, 38.690, 12.245



45, 75.601, 17.483

Previews

White Background



This preview shows how the CIELCh color 17, 13.011, 167.995 looks on a white background.

Color Contrast Check

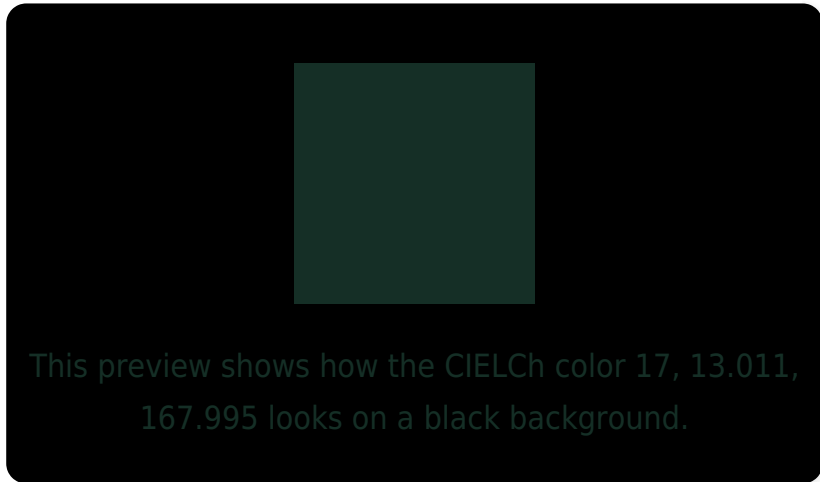
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.011, 167.995

Background



This preview shows how black text looks on a background with the CIELCh color 17, 13.011, 167.995.



This preview shows how white text looks on a background with the CIELCh color 17, 13.011, 167.995.

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](#).

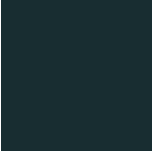
Dichromacy



Original Color
17, 13.011, 167.995

Protanopia
17, 4.944, 97.097

Deuteranopia
17, 3.544, 31.375



Tritanopia
17, 8.793, 216.423

Trichromacy



Original Color
17, 13.011, 167.995

Protanomaly
17, 6.802, 143.551

Deuteranomaly
16, 3.200, 157.941

Tritanomaly
17, 9.601, 193.249

Monochromacy



Original Color
17, 13.011, 167.995

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 4.768, 172.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 13.011, 167.995 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(21, 47, 38)` looks like.

```
.text, #text, p{  
    color:rgb(21, 47, 38)  
}
```

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(21, 47, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 47, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 13.011, 167.995 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(21, 47, 38) }
```

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

```
.border{ border-color:rgb(21, 47, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 47, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 47, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 47, 38);  
box-shadow:4px 4px 4px 4px rgb(21, 47, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 13.011, 167.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 47, 38) }
```

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

```
.background{ background-color: rgb(21, 47,  
38) }
```

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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