

Converting Colors

CIELCh(17, 13.995, 167.686)

Have a look what the booklet for
CIELCh(17, 13.995, 167.686)
contains.

CIELCh(17, 14.018, 166.805)	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, 14.018, 166.805)

Conversions

Conversions Part 1

Format	Color
Hex	132F25
RGB	19, 47, 37
RGB Percent	7%, 18%, 15%
CMY	0.9256, 0.8158, 0.8550
CMYK	0.60, 0.00, 0.21, 0.82
HSL	159°, 42%, 13%
HSV	159°, 60%, 18%
XYZ	1.6169, 2.3023, 2.1072
YIQ	37.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

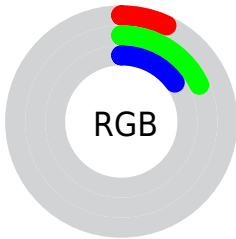
Format	Color
R_{YB}	19, 36, 47
Decimal	1257253
CIE Lab	17.00, -13.65, 3.20
CIE LCh	17, 14.018, 166.805
Yxy	2.3023, 0.2683, 0.3820
Android (android.graphics.Color)	4279447333 (0xFF132F25)
YUV	37.4880, -0.2406, -16.2140
Hunter-Lab	15.1734, -7.5322, 2.3874

Details

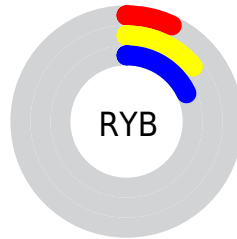
The CIELCh color **17, 14.018, 166.805** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10, 15.720, 358.341**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 13.723, 167.887**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 15.991, 165.619**, and if you desaturate by 10%, it is **17, 11.892, 167.886**.

Distribution



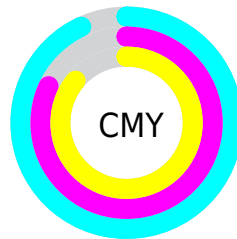
- Red (7%)
- Green (18%)
- Blue (15%)



- Red (7%)
- Yellow (14%)
- Blue (18%)



- Cyan (60%)
- Magenta (0%)
- Yellow (21%)
- Black (82%)



- Cyan (93%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 14.018, 166.805 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, 14.018, 166.805 by changing the saturation by 10% instead.

■ 17, 14.018,
166.805

■ 17, 14.018,
166.805

■ 100, 14.018,
166.805

■ 7, 14.018, 166.805

■ 37, 14.018,
166.805

■ 0, 14.018, 166.805

■ 47, 14.018,
166.805


■ 57, 14.018,
166.805


■ 67, 14.018,
166.805


■ 77, 14.018,
166.805


■ 87, 14.018,


166.805


 97, 14.018,
166.805

 17, 14.018,
166.805


 17, 14.018,
166.805

 17, 15.991,
165.619

 17, 11.892,
167.886


 17, 17.785,
164.317

 18, 9.638, 168.880


 16, 19.542,
163.140

 18, 7.286, 169.798

 18, 4.862, 170.656

 16, 21.366,
162.217

 19, 2.393, 171.482

 16, 21.439,
162.185

 19, 0.100, 350.476

■ 20, 2.598, 352.787

■ 21, 5.085, 353.481

■ 21, 7.549, 354.123

Harmonies

Complementary

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



17, 14.018, 166.805



10, 15.720, 358.341

Rectangle

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



17, 14.018, 166.805



17, 14.018, 216.805



17, 14.018, 346.805



17, 14.018, 36.805

Sweetspot

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



17, 14.018, 166.804



25, 5.579, 170.706



17, 20.774, 131.249



11, 3.783, 170.658



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, 14.018, 166.804



23, 20.306, 164.792



16, 9.742, 213.282



7, 1.267, 171.544



32, 33.448, 159.502



76, 66.745, 157.370

Inverse Universe

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



10, 15.720, 358.341



13, 23.283, 1.314



11, 14.104, 33.569



7, 1.253, 352.718



16, 38.617, 11.221



45, 75.295, 16.397

Previews

White Background



This preview shows how the CIELCh color 17, 14.018, 166.805 looks on a white background.

Color Contrast Check

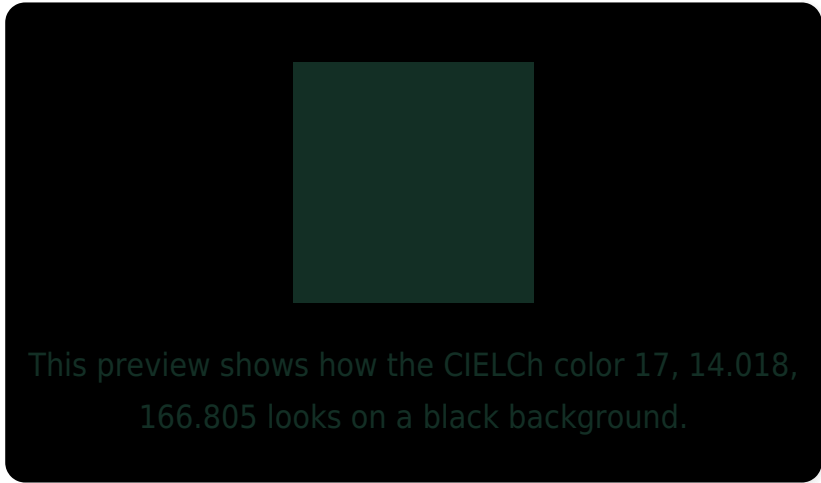
Large Text (above 18pt) WCAG AA ✓ Pass

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

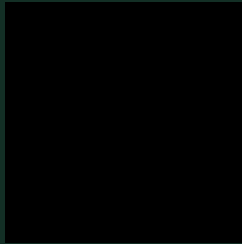
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 14.018, 166.805

Background



This preview shows how black text looks on a background with the CIELCh color 17, 14.018, 166.805.



This preview shows how white text looks on a background with the CIELCh color 17, 14.018, 166.805.

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](#).

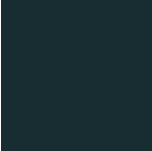
Dichromacy



Original Color
17, 14.018, 166.805

Protanopia
17, 5.622, 98.285

Deuteranopia
17, 3.769, 41.613



Tritanopia
17, 9.103, 215.714

Trichromacy



Original Color
17, 14.018, 166.805

Protanomaly
17, 7.658, 143.420

Deuteranomaly
17, 4.548, 148.691

Tritanomaly
17, 9.932, 193.319

Monochromacy



Original Color
17, 14.018, 166.805

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 5.928, 169.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 14.018, 166.805 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(19, 47, 37)` looks like.

```
.text, #text, p{  
    color:rgb(19, 47, 37)  
}
```

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(19, 47, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 47, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 14.018, 166.805 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(19, 47, 37) }
```

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

```
.border{ border-color:rgb(19, 47, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 47, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 47, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 47, 37);  
box-shadow:4px 4px 4px 4px rgb(19, 47, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 14.018, 166.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 47, 37) }
```

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

```
.background{ background-color: rgb(19, 47,  
37) }
```

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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