

Converting Colors

CIELCh(17, 26.438, 130.951)

Have a look what the booklet for
CIELCh(17, 26.438, 130.951)
contains.

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Color

CIELCh(17, 26.808, 131.365)

Conversions

Conversions Part 1

Format	Color
Hex	18300A
RGB	24, 48, 10
RGB Percent	9%, 19%, 4%
CMY	0.9069, 0.8129, 0.9624
CMYK	0.50, 0.00, 0.80, 0.81
HSL	98°, 67%, 11%
HSV	98°, 80%, 19%
XYZ	1.4683, 2.3023, 0.6425
YIQ	36.4920, -2.1060, -16.9060

Conversions

Conversions Part 2

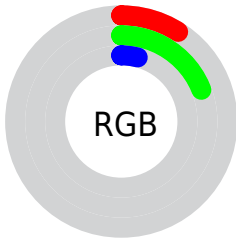
Format	Color
R_{YB}	10, 48, 34
Decimal	1585162
CIE _{Lab}	17.00, -17.72, 20.12
CIE _{LCh}	17, 26.808, 131.365
Yxy	2.3023, 0.3327, 0.5217
Android (android.graphics.Color)	4279775242 (0xFF18300A)
YUV	36.4920, -13.0606, -10.9555
Hunter-Lab	15.1734, -9.2810, 8.1107

Details

The CIELCh color **17, 26.808, 131.365** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7, 28.752, 315.830**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.644, 131.453**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 29.200, 131.820**, and if you desaturate by 10%, it is **17, 24.210, 130.969**.

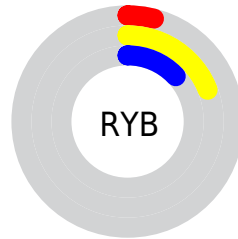
Distribution



Red (9%)

Green (19%)

Blue (4%)



Red (4%)

Yellow (19%)

Blue (13%)

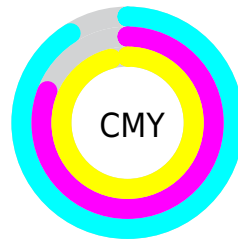


Cyan (50%)

Magenta (0%)

Yellow (80%)

Black (81%)



Cyan (91%)


Magenta (81%)


Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 26.808, 131.365 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, 26.808, 131.365 by changing the saturation by 10% instead.

 17, 26.808,
131.365

 17, 26.808,
131.365


 100, 26.808,
131.365


 7, 26.808, 131.365

 37, 26.808,
131.365

 0, 26.808, 131.365

 47, 26.808,
131.365


 57, 26.808,
131.365


 67, 26.808,
131.365


 77, 26.808,
131.365


 87, 26.808,

131.365


 97, 26.808,
131.365


 17, 26.808,
131.365


 17, 26.808,
131.365

 17, 29.200,
131.820


 17, 24.210,
130.969


 17, 31.584,
132.123

 18, 21.111,
131.093

 17, 31.610,
132.125

 18, 17.731,
131.496

 18, 14.243,
131.917

 18, 10.692,
132.334

■ 19, 7.111, 132.735

■ 19, 3.526, 133.117

■ 20, 0.044, 312.096

■ 20, 3.584, 313.743

Harmonies

Complementary

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



17, 26.808, 131.365



7, 28.752, 315.830

Rectangle

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



17, 26.808, 131.365



17, 26.808, 181.365



17, 26.808, 311.365



17, 26.808, 1.365

Sweetspot

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



17, 26.808, 131.366



25, 10.587, 132.522



14, 17.277, 76.853



11, 7.095, 132.540



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, 26.808, 131.366



22, 38.083, 130.537



16, 27.890, 141.758



7, 1.773, 133.803



32, 50.994, 130.509



76, 99.559, 131.815

Inverse Universe

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



7, 28.752, 315.830



8, 41.569, 316.376



9, 27.384, 331.655



7, 1.768, 313.075



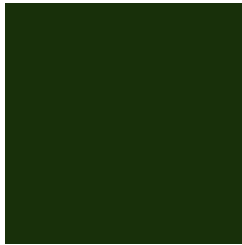
12, 55.027, 316.022



38, 106.529, 315.116

Previews

White Background



This preview shows how the CIELCh color 17, 26.808, 131.365 looks on a white background.

Color Contrast Check

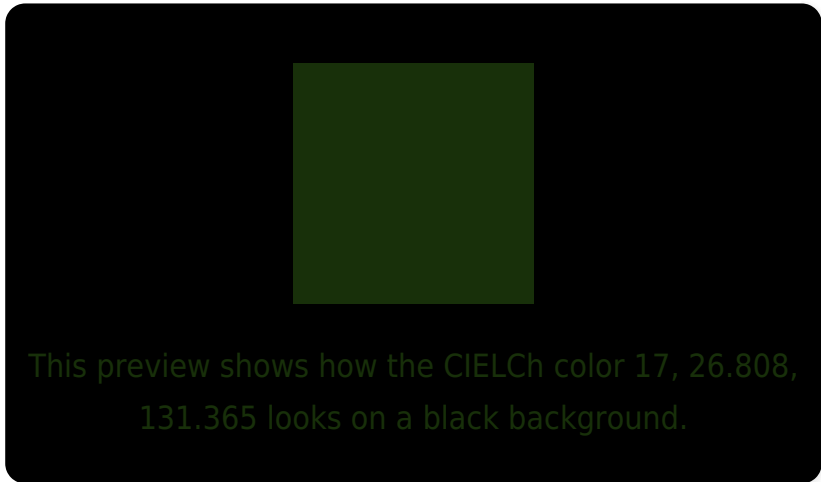
Large Text (above 18pt) WCAG AA ✓ Pass

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

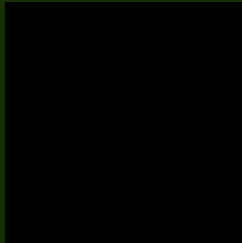
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 26.808, 131.365

Background



This preview shows how black text looks on a background with the CIELCh color 17, 26.808, 131.365.



This preview shows how white text looks on a background with the CIELCh color 17, 26.808, 131.365.

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](#).

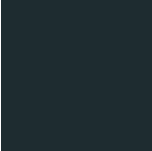
Dichromacy



Original Color
17, 26.808, 131.365

Protanopia
17, 21.245, 97.271

Deuteranopia
17, 19.391, 83.045



Tritanopia
17, 6.481, 223.927

Trichromacy



Original Color
17, 26.808, 131.365

Protanomaly
17, 21.942, 112.115

Deuteranomaly
17, 19.935, 106.736

Tritanomaly
17, 11.150, 153.916

Monochromacy



Original Color
17, 26.808, 131.365

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 10.606, 130.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 26.808, 131.365 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(24, 48, 10)` looks like.

```
.text, #text, p{  
    color:rgb(24, 48, 10)  
}
```

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(24, 48, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 48, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 26.808, 131.365 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(24, 48, 10) }
```

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

```
.border{ border-color:rgb(24, 48, 10) }
```

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

Here you see how a box with a 4 pixel rgb(24, 48, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 48, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 48, 10);  
box-shadow:4px 4px 4px 4px rgb(24, 48, 10)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 26.808, 131.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 48, 10) }
```

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

```
.background{ background-color: rgb(24, 48,  
10) }
```

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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