

Converting Colors

CIELCh(17, 16.508, 131.198)

Have a look what the booklet for
CIELCh(17, 16.508, 131.198)
contains.

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Color

CIELCh(17, 16.541, 131.836)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 202E18 |
| RGB | 32, 46, 24 |
| RGB Percent | 13%, 18%, 9% |
| CMY | 0.8755, 0.8206, 0.9068 |
| CMYK | 0.31, 0.00, 0.48, 0.82 |
| HSL | 98°, 32%, 14% |
| HSV | 98°, 48%, 18% |
| XYZ | 1.7176, 2.3023, 1.2052 |
| YIQ | 39.3060, -1.2820, -9.8100 |

Conversions

Conversions Part 2

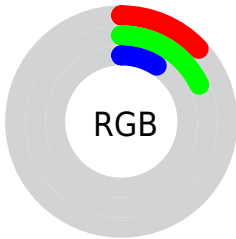
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 24, 46, 38 |
| Decimal | 2108952 |
| CIE Lab | 17.00, -11.03, 12.32 |
| CIE LCh | 17, 16.541, 131.836 |
| Yxy | 2.3023, 0.3287, 0.4406 |
| Android (android.graphics.Color) | 4280299032 (0xFF202E18) |
| YUV | 39.3060, -7.5459, -6.4074 |
| Hunter-Lab | 15.1734, -6.3480, 5.9120 |

Details

The CIELCh color **17, 16.541, 131.836** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11, 17.173, 315.400**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 16.687, 131.357**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 19.840, 131.427**, and if you desaturate by 10%, it is **17, 13.150, 132.258**.

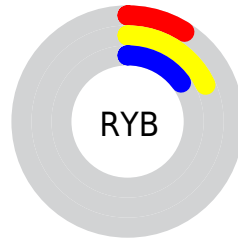
Distribution



Red (13%)

Green (18%)

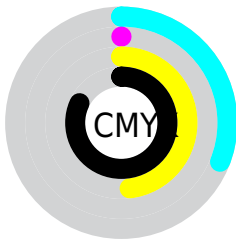
Blue (9%)



Red (9%)

Yellow (18%)

Blue (15%)

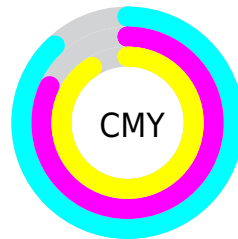


Cyan (31%)

Magenta (0%)

Yellow (48%)

Black (82%)



Cyan (88%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 16.541, 131.836 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, 16.541, 131.836 by changing the saturation by 10% instead.

■ 17, 16.541,
131.836

■ 17, 16.541,
131.836

■ 100, 16.541,
131.836

■ 7, 16.541, 131.836

■ 37, 16.541,
131.836

■ 0, 16.541, 131.836

■ 47, 16.541,
131.836


■ 57, 16.541,
131.836


■ 67, 16.541,
131.836


■ 77, 16.541,
131.836


■ 87, 16.541,


131.836


 97, 16.541,
131.836

 17, 16.541,
131.836


 17, 16.541,
131.836

 17, 19.840,
131.427


 17, 13.150,
132.258

 16, 22.854,
131.359


 18, 9.706, 132.670

 16, 25.402,
131.797

 18, 6.240, 133.065

 16, 27.721,
132.321

 18, 2.774, 133.441

 16, 30.035,
132.683

 19, 0.673, 313.670

 19, 4.089, 314.048

■ 16, 30.484,
132.737

■ 20, 7.465, 314.331

■ 20, 10.792,
314.583

■ 21, 14.066,
314.807

Harmonies

Complementary

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



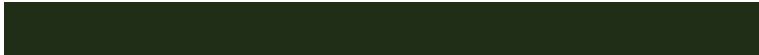
17, 16.541, 131.836



11, 17.173, 315.400

Rectangle

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



17, 16.541, 131.836



17, 16.541, 181.836



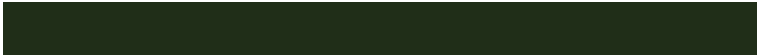
17, 16.541, 311.836



17, 16.541, 1.836

Sweetspot

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



17, 16.542, 131.837



24, 5.962, 133.190



16, 10.728, 83.192



11, 4.165, 133.172



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, 16.542, 131.837



22, 24.364, 131.305



17, 16.873, 145.197



7, 1.777, 134.051



32, 51.100, 130.698



76, 99.763, 131.990

Inverse Universe

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



11, 17.173, 315.400



13, 25.551, 315.836



12, 16.871, 330.674



7, 1.772, 313.331



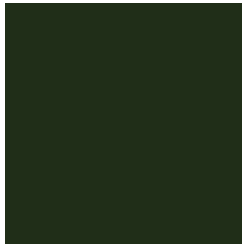
13, 54.950, 316.236



38, 106.360, 315.339

Previews

White Background



This preview shows how the CIE LCh color 17, 16.541, 131.836 looks on a white background.

Color Contrast Check

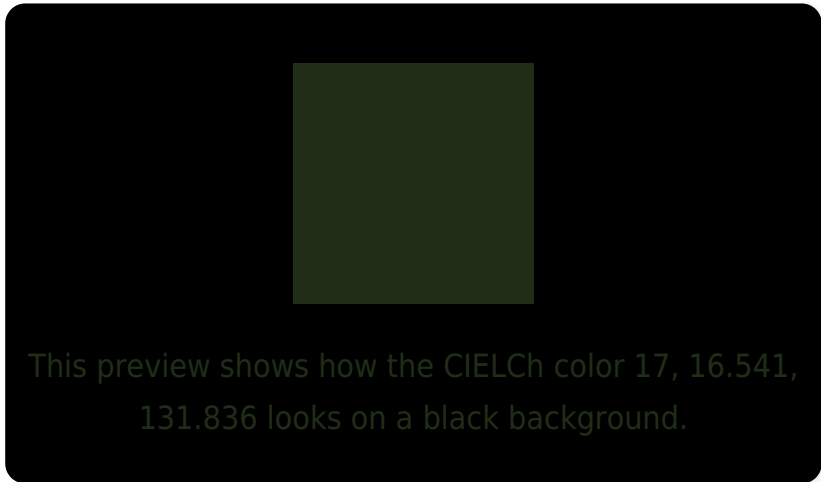
Large Text (above 18pt) WCAG AA ✓ Pass

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

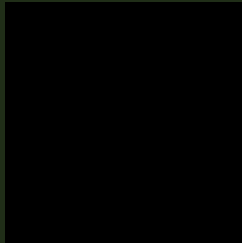
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

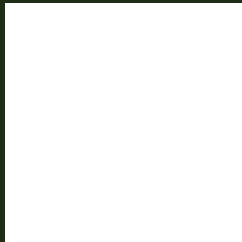
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 16.541, 131.836

Background



This preview shows how black text looks on a background with the CIELCh color 17, 16.541, 131.836.



This preview shows how white text looks on a background with the CIELCh color 17, 16.541, 131.836.

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

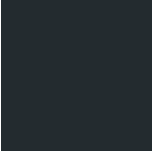
17, 16.541, 131.836

Protanopia

17, 13.829, 97.451

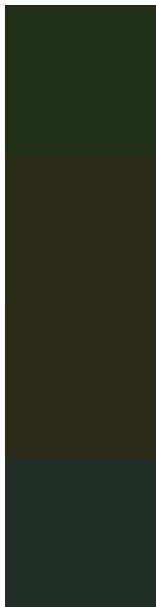
Deuteranopia

17, 12.082, 77.614



Tritanopia
17, 4.438, 237.868

Trichromacy



Original Color
17, 16.541, 131.836

Protanomaly
17, 13.648, 111.071

Deuteranomaly
17, 11.706, 101.811

Tritanomaly
17, 5.903, 162.068

Monochromacy



Original Color
17, 16.541, 131.836

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 6.127, 132.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 16.541, 131.836 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(32, 46, 24)` looks like.

```
.text, #text, p{  
    color:rgb(32, 46, 24)  
}
```

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(32, 46, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 46, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 16.541, 131.836 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(32, 46, 24) }
```

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

```
.border{ border-color:rgb(32, 46, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 46, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 46, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 46, 24);  
box-shadow:4px 4px 4px 4px rgb(32, 46, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 16.541, 131.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 46, 24) }
```

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

```
.background{ background-color: rgb(32, 46,  
24) }
```

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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