

Converting Colors

CIELCh(16, 17.462, 141.687)

Have a look what the booklet for
CIELCh(16, 17.462, 141.687)
contains.

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Color

CIELCh(16, 17.728, 141.610)

Conversions

Conversions Part 1

Format	Color
Hex	182D18
RGB	24, 45, 24
RGB Percent	9%, 18%, 9%
CMY	0.9074, 0.8251, 0.9074
CMYK	0.47, 0.00, 0.47, 0.83
HSL	120°, 31%, 13%
HSV	120°, 47%, 17%
XYZ	1.4510, 2.0993, 1.1723
YIQ	36.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

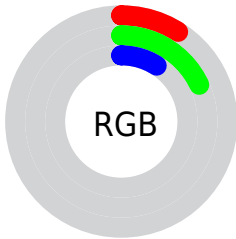
Format	Color
RYB	24, 45, 45
Decimal	1584408
CIELab	16.00, -13.90, 11.01
CIELCh	16, 17.728, 141.610
Yxy	2.0993, 0.3072, 0.4445
Android (android.graphics.Color)	4279774488 (0xFF182D18)
YUV	36.3270, -6.0772, -10.8108
Hunter-Lab	14.4890, -7.4797, 5.3450

Details

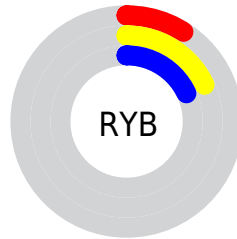
The CIELCh color **16, 17.728, 141.610** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 17.700, 326.510**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 17.916, 141.801**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 21.285, 140.782**, and if you desaturate by 10%, it is **16, 14.032, 142.365**.

Distribution



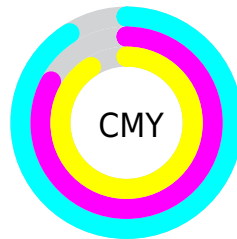
- Red (9%)
- Green (18%)
- Blue (9%)



- Red (9%)
- Yellow (18%)
- Blue (18%)



- Cyan (47%)
- Magenta (0%)
- Yellow (47%)
- Black (83%)



- Cyan (91%)
- Magenta (83%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 17.728, 141.610 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 16, 17.728, 141.610 by changing the saturation by 10% instead.

■ 16, 17.728,
141.610

■ 16, 17.728,
141.610

■ 100, 17.728,
141.610

■ 6, 17.728, 141.610

■ 36, 17.728,
141.610

■ 0, 17.728, 141.610

■ 46, 17.728,
141.610


■ 56, 17.728,
141.610


■ 66, 17.728,
141.610


■ 76, 17.728,
141.610


■ 86, 17.728,


141.610


 96, 17.728,
141.610


 16, 17.728,
141.610


 16, 17.728,
141.610

 16, 21.285,
140.782


 16, 14.032,
142.365

 15, 24.481,
140.306

 17, 10.257,
143.038


 15, 27.165,
140.220

 17, 6.452, 143.636

 15, 29.603,
140.329

 18, 2.658, 144.175

 18, 1.097, 324.510

 15, 32.144,
140.584

 19, 4.790, 324.969

■ 15, 32.910,
140.685

■ 20, 8.406, 325.322

■ 20, 11.936,
325.626

■ 21, 15.372,
325.891

Harmonies

Complementary

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



16, 17.728, 141.610



12, 17.700, 326.510

Rectangle

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



16, 17.728, 141.610



16, 17.728, 191.610



16, 17.728, 321.610



16, 17.728, 11.610

Sweetspot

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



16, 17.728, 141.610



24, 6.660, 143.759



18, 14.185, 106.507



11, 4.653, 143.733



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16, 17.728, 141.610



22, 26.235, 140.575



16, 12.182, 159.921



7, 1.972, 144.495



31, 54.557, 136.035



75, 104.994, 136.023

Inverse Universe

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



12, 17.700, 326.510



15, 26.112, 326.986



11, 12.751, 347.404



7, 1.976, 324.439



19, 52.627, 328.268



51, 101.241, 328.271

Previews

White Background



This preview shows how the CIELCh color 16, 17.728, 141.610 looks on a white background.

Color Contrast Check

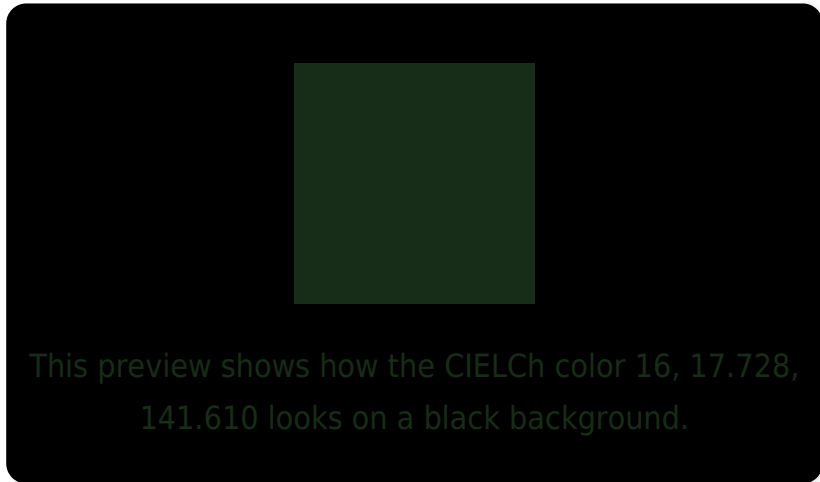
Large Text (above 18pt) WCAG AA ✓ Pass

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

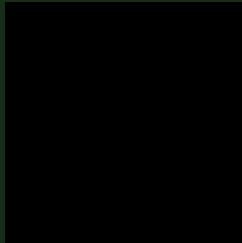
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 17.728, 141.610

Background



This preview shows how black text looks on a background with the CIELCh color 16, 17.728, 141.610.



This preview shows how white text looks on a background with the CIELCh color 16, 17.728, 141.610.

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


16, 17.728, 141.610

Protanopia

16, 12.602, 96.780

Deuteranopia

16, 10.664, 76.935



Tritanopia
16, 6.499, 224.022

Trichromacy



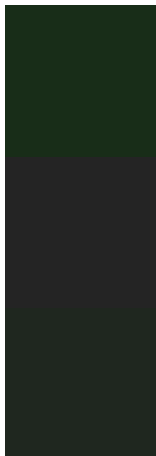
Original Color
16, 17.728, 141.610

Protanomaly
16, 13.276, 118.190

Deuteranomaly
16, 11.072, 109.892

Tritanomaly
16, 8.532, 173.215

Monochromacy



Original Color
16, 17.728, 141.610

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 6.929, 143.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 17.728, 141.610 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, 45, 24)` looks like.

```
.text, #text, p{  
    color:rgb(24, 45, 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(24, 45, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 45, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 17.728, 141.610 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, 45, 24) }
```

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

```
.border{ border-color:rgb(24, 45, 24) }
```

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

Here you see how a box with a 4 pixel rgb(24, 45, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 45, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 45, 24);  
box-shadow:4px 4px 4px 4px rgb(24, 45, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 17.728, 141.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 45, 24) }
```

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

```
.background{ background-color: rgb(24, 45,  
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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