

Converting Colors

CIELCh(16, 11.339, 198.491)

Have a look what the booklet for
CIELCh(16, 11.339, 198.491)
contains.

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Color

CIELCh(16, 11.129, 200.774)

Conversions

Conversions Part 1

Format	Color
Hex	0F2C2D
RGB	15, 44, 45
RGB Percent	6%, 17%, 18%
CMY	0.9408, 0.8272, 0.8232
CMYK	0.67, 0.02, 0.00, 0.82
HSL	182°, 50%, 12%
HSV	182°, 67%, 18%
XYZ	1.5770, 2.0993, 2.8123
YIQ	35.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

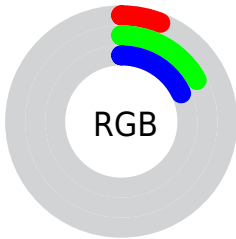
Format	Color
RYB	15, 30, 45
Decimal	994349
CIELab	16.00, -10.41, -3.95
CIELCh	16, 11.129, 200.774
Yxy	2.0993, 0.2430, 0.3235
Android (android.graphics.Color)	4279184429 (0xFF0F2C2D)
YUV	35.4430, 4.7116, -17.9285
Hunter-Lab	14.4890, -5.9281, -1.3660

Details

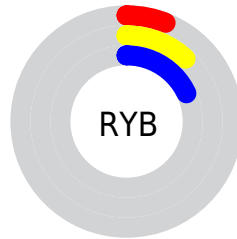
The CIELCh color **16, 11.129, 200.774** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9, 16.332, 24.888**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 11.156, 201.175**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 12.156, 200.769**, and if you desaturate by 10%, it is **16, 9.898, 200.848**.

Distribution



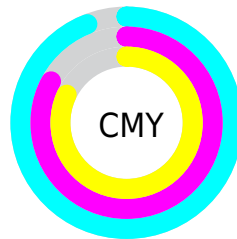
- Red (6%)
- Green (17%)
- Blue (18%)



- Red (6%)
- Yellow (12%)
- Blue (18%)



- Cyan (67%)
- Magenta (2%)
- Yellow (0%)
- Black (82%)



- Cyan (94%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 11.129, 200.774 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, 11.129, 200.774 by changing the saturation by 10% instead.

■ 16, 11.129,
200.774

■ 16, 11.129,
200.774

■ 100, 11.129,
200.774

■ 6, 11.129, 200.774

■ 36, 11.129,
200.774

■ 0, 11.129, 200.774

■ 46, 11.129,
200.774


■ 56, 11.129,
200.774


■ 66, 11.129,
200.774


■ 76, 11.129,
200.774


■ 86, 11.129,

200.774


 96, 11.129,
200.774

 16, 11.129,
200.774

 16, 11.129,
200.774


 16, 12.156,
200.769

 16, 9.898, 200.848


 16, 13.067,
200.797

 17, 8.479, 200.991

 17, 6.891, 201.194

 15, 14.014,
200.781

 17, 5.155, 201.454

 15, 14.352,
200.767

 18, 3.294, 201.770

 18, 1.330, 202.191

 19, 0.718, 22.129

■ 19, 2.830, 22.724

■ 20, 4.990, 23.164

Harmonies

Complementary

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



16, 11.129, 200.774



9, 16.332, 24.888

Rectangle

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



16, 11.129, 200.774



16, 11.129, 250.774



16, 11.129, 20.774



16, 11.129, 70.774

Sweetspot

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



16, 11.129, 200.772



24, 4.919, 201.616



16, 24.342, 140.575



11, 3.392, 201.603



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, 11.129, 200.772



21, 15.142, 200.825



11, 12.273, 267.943



7, 1.074, 202.528



32, 21.885, 201.357



76, 41.952, 201.830

Inverse Universe

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



10, 23.975, 328.218



12, 34.031, 328.819



13, 13.619, 69.500



7, 1.931, 325.351



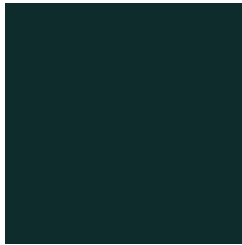
19, 51.406, 329.497



50, 98.684, 329.615

Previews

White Background



This preview shows how the CIELCh color 16, 11.129, 200.774 looks on a white background.

Color Contrast Check

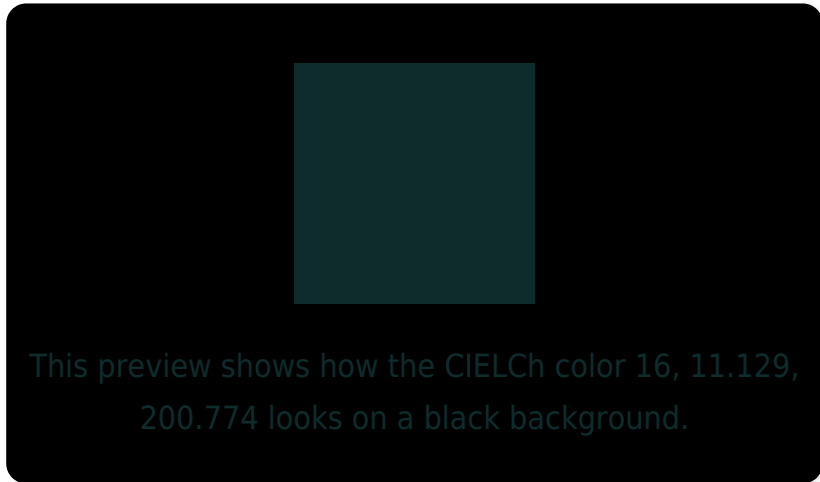
Large Text (above 18pt) WCAG AA ✓ Pass

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

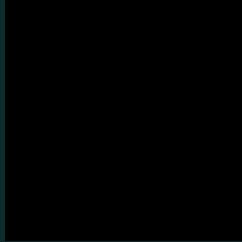
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 11.129, 200.774

Background



This preview shows how black text looks on a background with the CIELCh color 16, 11.129, 200.774.



This preview shows how white text looks on a background with the CIELCh color 16, 11.129, 200.774.

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, 11.129, 200.774

Protanopia

16, 1.402, 290.567

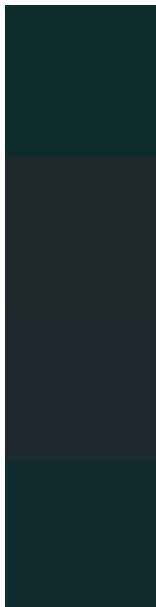
Deuteranopia

16, 5.013, 302.034



Tritanopia
16, 10.759, 208.676

Trichromacy



Original Color
16, 11.129, 200.774

Protanomaly
16, 4.647, 216.201

Deuteranomaly
16, 5.185, 241.566

Tritanomaly
16, 10.787, 204.778

Monochromacy



Original Color
16, 11.129, 200.774

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 5.004, 198.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 11.129, 200.774 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(15, 44, 45)` looks like.

```
.text, #text, p{  
    color:rgb(15, 44, 45)  
}
```

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(15, 44, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 44, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 11.129, 200.774 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(15, 44, 45) }
```

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

```
.border{ border-color:rgb(15, 44, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 44, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 44, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 44, 45);  
box-shadow:4px 4px 4px 4px rgb(15, 44, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 11.129, 200.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 44, 45) }
```

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

```
.background{ background-color: rgb(15, 44,  
45) }
```

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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