

Converting Colors

CIELCh(16, 15.159, 142.126)

Have a look what the booklet for
CIELCh(16, 15.159, 142.126)
contains.

CIELCh(16, 15.299, 142.069)	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(16, 15.299, 142.069)

Conversions

Conversions Part 1

Format	Color
Hex	1A2C1A
RGB	26, 44, 26
RGB Percent	10%, 17%, 10%
CMY	0.8979, 0.8273, 0.8979
CMYK	0.41, 0.00, 0.41, 0.83
HSL	120°, 26%, 14%
HSV	120°, 41%, 17%
XYZ	1.5161, 2.0993, 1.3048
YIQ	36.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

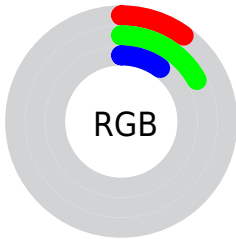
Format	Color
RYB	26, 44, 44
Decimal	1715226
CIELab	16.00, -12.07, 9.40
CIELCh	16, 15.299, 142.069
Yxy	2.0993, 0.3081, 0.4267
Android (android.graphics.Color)	4279905306 (0xFF1A2C1A)
YUV	36.5660, -5.2090, -9.2664
Hunter-Lab	14.4890, -6.6776, 4.8028

Details

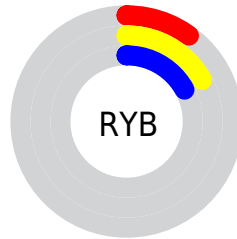
The CIELCh color **16, 15.299, 142.069** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 15.290, 326.221**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 15.672, 141.861**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 18.917, 141.289**, and if you desaturate by 10%, it is **16, 11.584, 142.770**.

Distribution



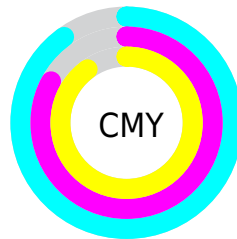
- Red (10%)
- Green (17%)
- Blue (10%)



- Red (10%)
- Yellow (17%)
- Blue (17%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (83%)



- Cyan (90%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 15.299, 142.069 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, 15.299, 142.069 by changing the saturation by 10% instead.

■ 16, 15.299,
142.069

■ 16, 15.299,
142.069

■ 100, 15.299,
142.069

■ 6, 15.299, 142.069

■ 36, 15.299,
142.069

■ 0, 15.299, 142.069

■ 46, 15.299,
142.069


■ 56, 15.299,
142.069


■ 66, 15.299,
142.069


■ 76, 15.299,
142.069


■ 86, 15.299,


142.069


 96, 15.299,
142.069

 16, 15.299,
142.069


 16, 15.299,
142.069

 16, 18.917,
141.289

 16, 11.584,
142.770


 15, 22.331,
140.562

 17, 7.823, 143.393


 15, 25.290,
140.327

 17, 4.058, 143.947

 18, 0.322, 144.683

 15, 27.780,
140.364

 19, 3.360, 324.789

 15, 30.244,
140.560

 19, 6.972, 325.164

■ 14, 32.589,
140.861

■ 20, 10.501,
325.485

■ 21, 13.940,
325.763

■ 21, 17.285,
326.006

Harmonies

Complementary

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



16, 15.299, 142.069



12, 15.290, 326.221

Rectangle

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



16, 15.299, 142.069



16, 15.299, 192.069



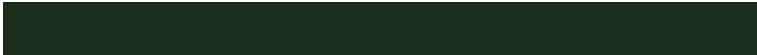
16, 15.299, 322.069



16, 15.299, 12.069

Sweetspot

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



16, 15.299, 142.069



23, 5.497, 143.853



17, 12.061, 106.270



10, 3.551, 143.872



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



16, 15.299, 142.069



21, 22.331, 141.222



16, 10.670, 159.668



7, 1.973, 144.468



31, 54.582, 136.015



75, 105.011, 136.016

Inverse Universe

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



12, 15.290, 326.221



15, 22.275, 326.658



12, 11.071, 345.838



7, 1.977, 324.410



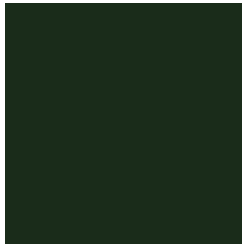
19, 52.664, 328.230



51, 101.319, 328.229

Previews

White Background



This preview shows how the CIELCh color 16, 15.299, 142.069 looks on a white background.

Color Contrast Check

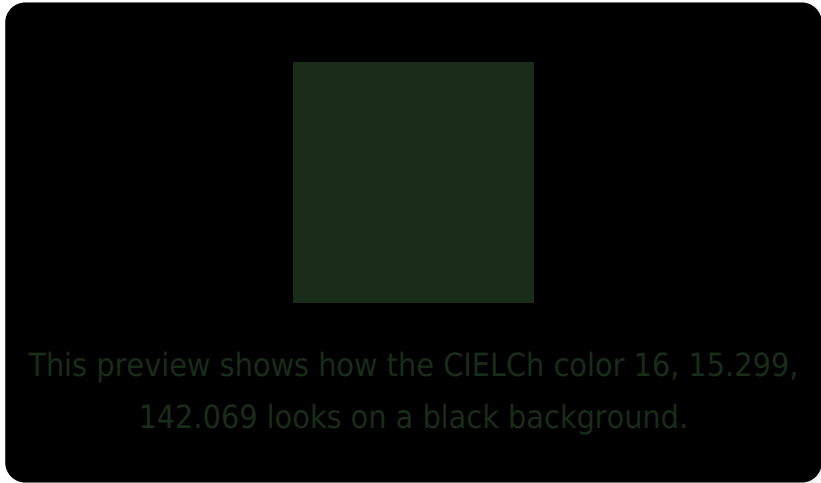
Large Text (above 18pt) WCAG AA ✓ Pass

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

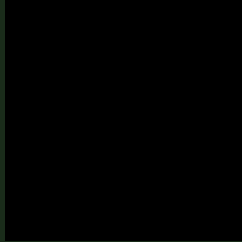
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 15.299, 142.069

Background



This preview shows how black text looks on a background with the CIELCh color 16, 15.299, 142.069.



This preview shows how white text looks on a background with the CIELCh color 16, 15.299, 142.069.

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, 15.299, 142.069

Protanopia

16, 11.180, 98.809

Deuteranopia

16, 9.147, 76.090



Tritanopia
16, 5.578, 220.666

Trichromacy



Original Color
16, 15.299, 142.069

Protanomaly
16, 11.241, 117.960

Deuteranomaly
16, 9.038, 111.025

Tritanomaly
16, 7.417, 169.593

Monochromacy



Original Color
16, 15.299, 142.069

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 6.035, 143.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 15.299, 142.069 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(26, 44, 26)` looks like.

```
.text, #text, p{  
    color:rgb(26, 44, 26)  
}
```

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(26, 44, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 44, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 15.299, 142.069 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(26, 44, 26) }
```

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

```
.border{ border-color:rgb(26, 44, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 44, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 44, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 44, 26);  
box-shadow:4px 4px 4px 4px rgb(26, 44, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 15.299, 142.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 44, 26) }
```

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

```
.background{ background-color: rgb(26, 44,  
26) }
```

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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