

Converting Colors

CIELCh(15, 13.018, 143.434)

Have a look what the booklet for
CIELCh(15, 13.018, 143.434)
contains.

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Color

CIELCh(15, 12.907, 142.427)

Conversions

Conversions Part 1

Format	Color
Hex	1A291A
RGB	26, 41, 26
RGB Percent	10%, 16%, 10%
CMY	0.8968, 0.8379, 0.8968
CMYK	0.36, 0.00, 0.36, 0.84
HSL	120°, 22%, 13%
HSV	120°, 36%, 16%
XYZ	1.4285, 1.9086, 1.2886
YIQ	34.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

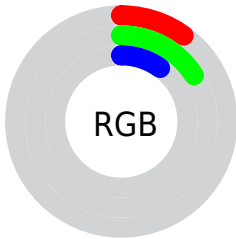
Format	Color
RYB	26, 41, 41
Decimal	1714458
CIELab	15.00, -10.23, 7.87
CIELCh	15, 12.907, 142.427
Yxy	1.9086, 0.3088, 0.4126
Android (android.graphics.Color)	4279904538 (0xFF1A291A)
YUV	34.8050, -4.3409, -7.7220
Hunter-Lab	13.8151, -5.7195, 4.1402

Details

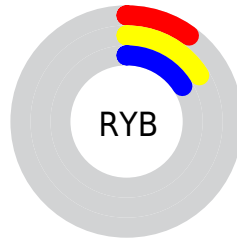
The CIELCh color **15, 12.907, 142.427** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 12.907, 325.993**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 12.731, 141.811**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 16.390, 141.700**, and if you desaturate by 10%, it is **15, 9.360, 143.078**.

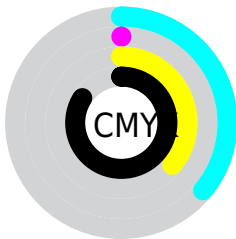
Distribution



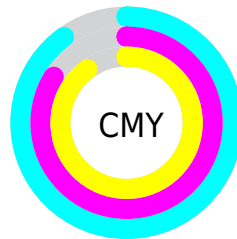
- Red (10%)
- Green (16%)
- Blue (10%)



- Red (10%)
- Yellow (16%)
- Blue (16%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (84%)



- Cyan (90%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 12.907, 142.427 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 15, 12.907, 142.427 by changing the saturation by 10% instead.

■ 15, 12.907,
142.427

■ 15, 12.907,
142.427

■ 100, 12.907,
142.427

■ 5, 12.907, 142.427

■ 35, 12.907,
142.427

■ 0, 12.907, 142.427

■ 45, 12.907,
142.427


■ 55, 12.907,
142.427


■ 65, 12.907,
142.427


■ 75, 12.907,
142.427


■ 85, 12.907,

142.427


 95, 12.907,
142.427

 15, 12.907,
142.427

 15, 12.907,
142.427


 15, 16.390,
141.700

 15, 9.360, 143.078


 14, 19.715,
141.035

 16, 5.791, 143.655

 16, 2.234, 144.182


 14, 22.653,
140.888

 17, 1.284, 324.514

 14, 25.151,
141.020

 18, 4.745, 324.949

 18, 8.134, 325.292

 14, 27.506,
141.300

 19, 11.443,

■ 13, 29.971,
141.716

325.589

■ 13, 30.888,
141.876

■ 20, 14.667,
325.849

■ 20, 17.803,
326.076

Harmonies

Complementary

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



15, 12.907, 142.427



12, 12.907, 325.993

Rectangle

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



15, 12.907, 142.427



15, 12.907, 192.427



15, 12.907, 322.427



15, 12.907, 12.427

Sweetspot

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



15, 12.908, 142.427



22, 4.842, 143.904



16, 10.189, 106.672



10, 3.295, 143.908



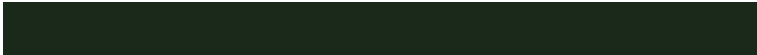
64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



15, 12.908, 142.427



20, 19.369, 141.672



15, 9.018, 160.124



6, 1.590, 144.459



30, 53.471, 136.011



74, 104.069, 136.014

Inverse Universe

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



12, 12.907, 325.993



15, 19.343, 326.419



12, 9.319, 345.385



6, 1.593, 324.397



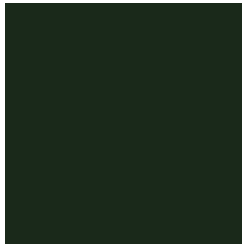
18, 51.595, 328.215



50, 100.414, 328.213

Previews

White Background



This preview shows how the CIELCh color 15, 12.907, 142.427 looks on a white background.

Color Contrast Check

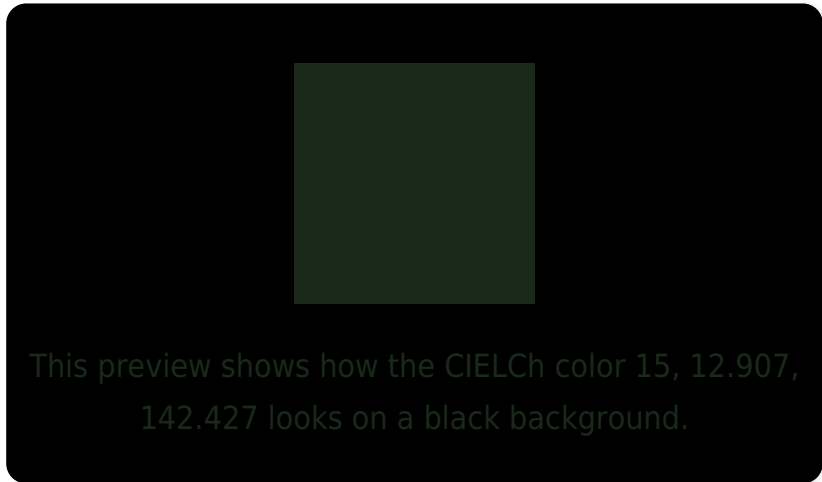
Large Text (above 18pt) WCAG AA ✓ Pass

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

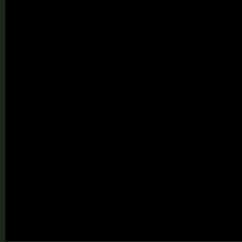
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 12.907, 142.427

Background



This preview shows how black text looks on a background with the CIELCh color 15, 12.907, 142.427.



This preview shows how white text looks on a background with the CIELCh color 15, 12.907, 142.427.

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

15, 12.907, 142.427

Protanopia

15, 9.226, 97.559

Deuteranopia

15, 8.034, 71.375



Tritanopia
15, 5.154, 232.088

Trichromacy



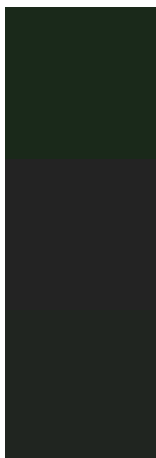
Original Color
15, 12.907, 142.427

Protanomaly
15, 9.877, 116.662

Deuteranomaly
15, 7.702, 107.999

Tritanomaly
15, 5.999, 177.285

Monochromacy



Original Color
15, 12.907, 142.427

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 4.352, 143.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 12.907, 142.427 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, 41, 26)` looks like.

```
.text, #text, p{  
    color:rgb(26, 41, 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, 41, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 41, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 12.907, 142.427 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, 41, 26) }
```

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

```
.border{ border-color:rgb(26, 41, 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, 41, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 41, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 41, 26);  
box-shadow:4px 4px 4px 4px rgb(26, 41, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 12.907, 142.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 41, 26) }
```

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

```
.background{ background-color: rgb(26, 41,  
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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