

Converting Colors

CIELCh(15, 11.089, 151.402)

Have a look what the booklet for
CIELCh(15, 11.089, 151.402)
contains.

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Color

CIELCh(15, 10.979, 152.245)

Conversions

Conversions Part 1

Format	Color
Hex	19291E
RGB	25, 41, 30
RGB Percent	10%, 16%, 12%
CMY	0.9010, 0.8382, 0.8814
CMYK	0.39, 0.00, 0.27, 0.84
HSL	139°, 24%, 13%
HSV	139°, 39%, 16%
XYZ	1.4464, 1.9086, 1.5370
YIQ	34.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

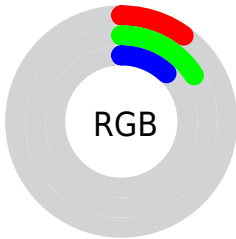
Format	Color
RYB	25, 37, 41
Decimal	1648926
CIELab	15.00, -9.72, 5.11
CIElCh	15, 10.979, 152.245
Yxy	1.9086, 0.2957, 0.3901
Android (android.graphics.Color)	4279839006 (0xFF19291E)
YUV	34.9620, -2.4463, -8.7367
Hunter-Lab	13.8151, -5.4879, 3.0744

Details

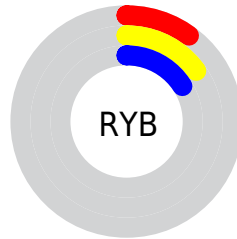
The CIELCh color **15, 10.979, 152.245** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11, 11.111, 337.056**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 10.514, 152.721**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 13.738, 151.390**, and if you desaturate by 10%, it is **15, 8.166, 153.010**.

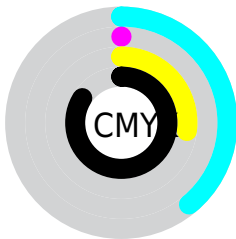
Distribution



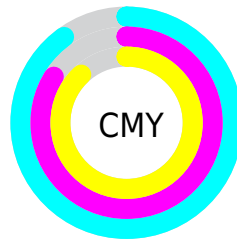
- Red (10%)
- Green (16%)
- Blue (12%)



- Red (10%)
- Yellow (15%)
- Blue (16%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (84%)



- Cyan (90%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 10.979, 152.245 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, 10.979, 152.245 by changing the saturation by 10% instead.

■ 15, 10.979,
152.245

■ 15, 10.979,
152.245

■ 100, 10.979,
152.245

■ 5, 10.979, 152.245

■ 35, 10.979,
152.245

■ 0, 10.979, 152.245

■ 45, 10.979,
152.245


■ 55, 10.979,
152.245


■ 65, 10.979,
152.245


■ 75, 10.979,
152.245


■ 85, 10.979,

152.245


 95, 10.979,
152.245

 15, 10.979,
152.245

 15, 10.979,
152.245


 15, 13.738,
151.390

 15, 8.166, 153.010


 14, 16.411,
150.434

 16, 5.326, 153.701

 16, 2.484, 154.339


 14, 18.962,
149.368

 17, 0.339, 334.502

 14, 21.352,
148.279

 17, 3.128, 335.308

 18, 5.870, 335.780

 14, 23.635,
147.759

 18, 8.557, 336.202

■ 13, 25.853,
147.774

■ 19, 11.183,
336.587

■ 13, 26.114,
147.805

■ 20, 13.744,
336.941

Harmonies

Complementary

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



15, 10.979, 152.245



11, 11.111, 337.056

Rectangle

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



15, 10.979, 152.245



15, 10.979, 202.245



15, 10.979, 332.245



15, 10.979, 22.245

Sweetspot

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



15, 10.979, 152.245



22, 4.230, 154.090



16, 11.330, 120.010



10, 2.842, 154.105



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, 10.979, 152.245



20, 16.484, 151.290



15, 7.612, 180.375



6, 1.283, 154.458



30, 45.035, 143.344



74, 91.755, 141.328

Inverse Universe

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



11, 11.111, 337.056



14, 16.692, 337.809



11, 8.659, 6.722



6, 1.269, 335.112



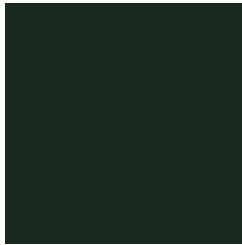
16, 41.534, 344.000



47, 79.457, 346.005

Previews

White Background



This preview shows how the CIELCh color 15, 10.979, 152.245 looks on a white background.

Color Contrast Check

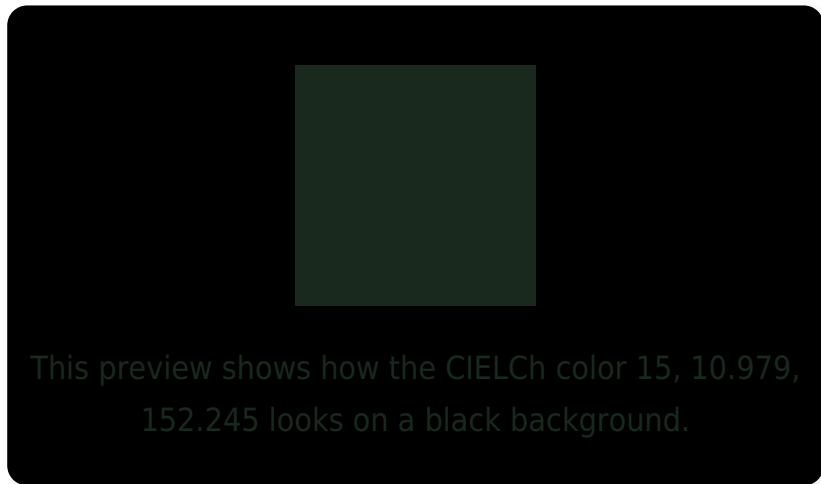
Large Text (above 18pt) WCAG AA ✓ Pass

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

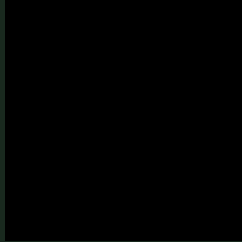
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 10.979, 152.245

Background



This preview shows how black text looks on a background with the CIELCh color 15, 10.979, 152.245.



This preview shows how white text looks on a background with the CIELCh color 15, 10.979, 152.245.

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, 10.979, 152.245

Protanopia

15, 6.395, 99.002

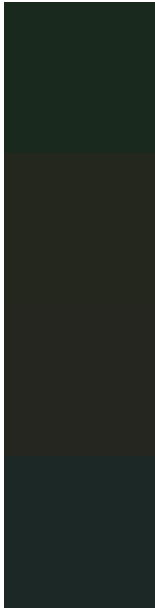
Deuteranopia

15, 5.093, 63.498



Tritanopia
15, 5.597, 220.730

Trichromacy



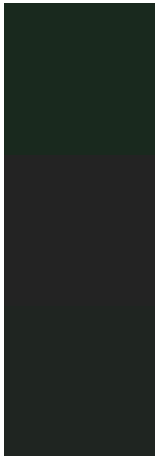
Original Color
15, 10.979, 152.245

Protanomaly
15, 7.305, 124.497

Deuteranomaly
15, 4.948, 114.702

Tritanomaly
15, 6.134, 184.628

Monochromacy



Original Color
15, 10.979, 152.245

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 4.117, 154.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 10.979, 152.245 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(25, 41, 30)` looks like.

```
.text, #text, p{  
    color:rgb(25, 41, 30)  
}
```

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(25, 41, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 41, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 10.979, 152.245 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(25, 41, 30) }
```

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

```
.border{ border-color:rgb(25, 41, 30) }
```

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

Here you see how a box with a 4 pixel rgb(25, 41, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 41, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 41, 30);  
box-shadow:4px 4px 4px 4px rgb(25, 41, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 10.979, 152.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 41, 30) }
```

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

```
.background{ background-color: rgb(25, 41,  
30) }
```

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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