

Converting Colors

CIELCh(11, 15.987, 156.448)

Have a look what the booklet for
CIELCh(11, 15.987, 156.448)
contains.

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Color

CIELCh(11, 15.908, 156.255)

Conversions

Conversions Part 1

Format	Color
Hex	072214
RGB	7, 34, 20
RGB Percent	3%, 13%, 8%
CMY	0.9712, 0.8654, 0.9203
CMYK	0.79, 0.00, 0.41, 0.87
HSL	149°, 65%, 8%
HSV	149°, 79%, 13%
XYZ	0.8020, 1.2610, 0.8781
YIQ	24.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

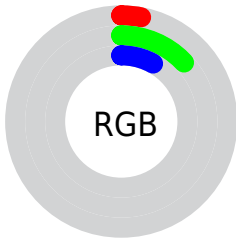
Format	Color
RYB	7, 25, 34
Decimal	467476
CIELab	11.00, -14.56, 6.41
CIELCh	11, 15.908, 156.255
Yxy	1.2610, 0.2727, 0.4288
Android (android.graphics.Color)	4278657556 (0xFF072214)
YUV	24.3310, -2.1352, -15.1993
Hunter-Lab	11.2295, -6.9034, 3.2243

Details

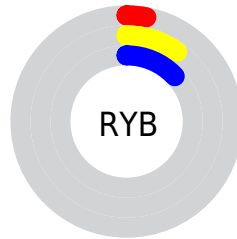
The CIELCh color **11, 15.908, 156.255** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5, 14.760, 350.127**, and the grayscale version is **9, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 16.239, 155.487**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 17.636, 155.729**, and if you desaturate by 10%, it is **11, 14.108, 157.160**.

Distribution



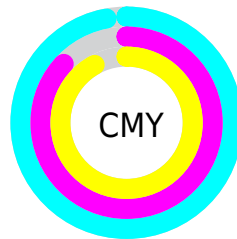
- Red (3%)
- Green (13%)
- Blue (8%)



- Red (3%)
- Yellow (10%)
- Blue (13%)



- Cyan (79%)
- Magenta (0%)
- Yellow (41%)
- Black (87%)



- Cyan (97%)
- Magenta (87%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 15.908, 156.255 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 11, 15.908, 156.255 by changing the saturation by 10% instead.

■ 11, 15.908,
156.255

■ 11, 15.908,
156.255

■ 100, 15.908,
156.255

■ 1, 15.908, 156.255

■ 31, 15.908,
156.255

■ 0, 15.908, 156.255

■ 41, 15.908,
156.255


■ 51, 15.908,
156.255


■ 61, 15.908,
156.255


■ 71, 15.908,
156.255


■ 81, 15.908,


156.255


 91, 15.908,
156.255


 11, 15.908,
156.255


 11, 15.908,
156.255


 11, 17.636,
155.729

 11, 14.108,
157.160

 11, 19.287,
155.470

 11, 12.215,
158.195

 11, 19.509,
155.451

 12, 10.234,
159.136

 12, 8.186, 159.994

 12, 6.091, 160.779

 13, 3.969, 161.505

■ 13, 1.835, 162.199

■ 13, 0.295, 342.332

■ 14, 2.411, 343.259

Harmonies

Complementary

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



11, 15.908, 156.255



5, 14.760, 350.127

Rectangle

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



11, 15.908, 156.255



11, 15.908, 206.255



11, 15.908, 336.255



11, 15.908, 26.255

Sweetspot

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



11, 15.908, 156.255



17, 6.240, 161.008



12, 18.012, 129.146



7, 3.817, 160.917



62, 0.008, 296.813



8, 0.002, 296.812

Same Dimension

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



11, 15.908, 156.255



15, 22.454, 153.871



11, 10.672, 193.266



5, 0.895, 162.209



30, 37.965, 150.376



74, 78.473, 148.023

Inverse Universe

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



5, 14.760, 350.127



6, 22.690, 352.363



5, 12.818, 17.781



5, 0.884, 343.124



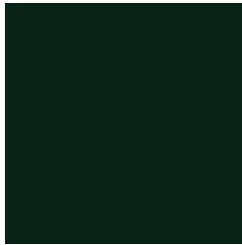
15, 37.584, 356.607



45, 73.162, 0.617

Previews

White Background



This preview shows how the CIELCh color 11, 15.908, 156.255 looks on a white background.

Color Contrast Check

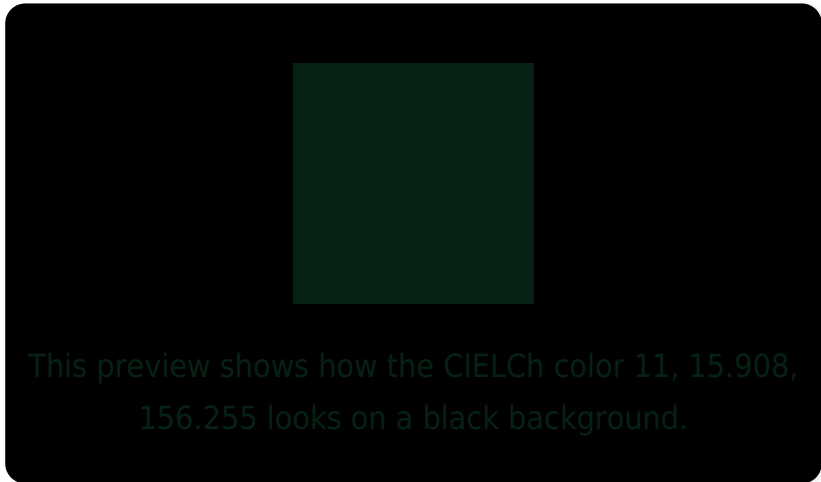
Large Text (above 18pt) WCAG AA ✓ Pass

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

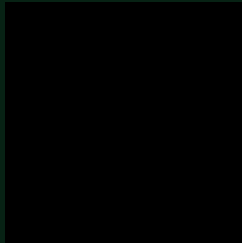
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 15.908, 156.255

Background



This preview shows how black text looks on a background with the CIELCh color 11, 15.908, 156.255.



This preview shows how white text looks on a background with the CIELCh color 11, 15.908, 156.255.

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

11, 15.908, 156.255

Protanopia

11, 7.982, 95.870

Deuteranopia

11, 6.086, 75.830



Tritanopia
11, 7.999, 208.142

Trichromacy



Original Color
11, 15.908, 156.255

Protanomaly
11, 10.190, 132.108

Deuteranomaly
11, 7.904, 131.547

Tritanomaly
11, 9.418, 183.463

Monochromacy



Original Color
11, 15.908, 156.255

Achromatopsia
9, 0.002, 296.813

Achromatomaly
9, 5.903, 158.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 15.908, 156.255 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(7, 34, 20)` looks like.

```
.text, #text, p{  
    color:rgb(7, 34, 20)  
}
```

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(7, 34, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 34, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 15.908, 156.255 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(7, 34, 20) }
```

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

```
.border{ border-color:rgb(7, 34, 20) }
```

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

Here you see how a box with a 4 pixel rgb(7, 34, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 34, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 34, 20); box-shadow:4px  
4px 4px 4px rgb(7, 34, 20) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 15.908, 156.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 34, 20) }
```

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

```
.background{ background-color: rgb(7, 34,  
20) }
```

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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