

Converting Colors

CIELCh(11, 15.753, 117.706)

Have a look what the booklet for
CIELCh(11, 15.753, 117.706)
contains.

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Color

CIELCh(11, 15.753, 117.706)

Conversions

Conversions Part 1

Format	Color
Hex	1B2006
RGB	27, 32, 6
RGB Percent	11%, 13%, 2%
CMY	0.8949, 0.8756, 0.9782
CMYK	0.16, 0.00, 0.83, 0.88
HSL	71°, 70%, 7%
HSV	71°, 83%, 12%
XYZ	0.9862, 1.2610, 0.3509
YIQ	27.5410, 5.3660, -9.1460

Conversions

Conversions Part 2

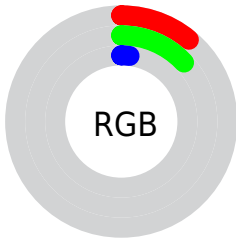
Format	Color
RYB	6, 32, 11
Decimal	1777670
CIELab	11.00, -7.32, 13.95
CIELCh	11, 15.753, 117.706
Yxy	1.2610, 0.3796, 0.4854
Android (android.graphics.Color)	4279967750 (0xFF1B2006)
YUV	27.5410, -10.6197, -0.4745
Hunter-Lab	11.2295, -3.9751, 6.0081

Details

The CIELCh color **11, 15.753, 117.706** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3, 16.133, 295.911**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 15.907, 117.634**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 17.115, 118.211**, and if you desaturate by 10%, it is **11, 14.402, 117.168**.

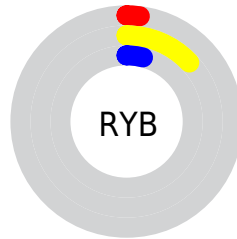
Distribution



Red (11%)

Green (13%)

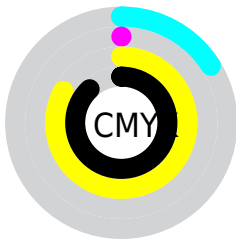
Blue (2%)



Red (2%)

Yellow (13%)

Blue (4%)

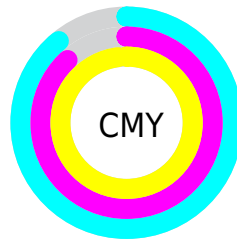


Cyan (16%)

Magenta (0%)

Yellow (83%)

Black (88%)



Cyan (89%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 15.753, 117.706 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, 15.753, 117.706 by changing the saturation by 10% instead.

■ 11, 15.753,
117.706

■ 11, 15.753,
117.706

■ 100, 15.753,
117.706

■ 1, 15.753, 117.706

■ 31, 15.753,
117.706

■ 0, 15.753, 117.706

■ 41, 15.753,
117.706


■ 51, 15.753,
117.706


■ 61, 15.753,
117.706


■ 71, 15.753,
117.706


■ 81, 15.753,


117.706


 91, 15.753,
117.706


 11, 15.753,
117.706


 11, 15.753,
117.706

 11, 17.115,
118.211

 11, 14.402,
117.168

 11, 18.143,
118.571

 11, 13.018,
116.605

 11, 11.419,
116.143

 11, 9.577, 115.858

 12, 7.482, 115.910

 12, 5.198, 116.410

■ 12, 2.892, 116.929

■ 12, 0.577, 117.442

■ 12, 1.741, 297.935

Harmonies

Complementary

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



11, 15.753, 117.706



3, 16.133, 295.911

Rectangle

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



11, 15.753, 117.706



11, 15.753, 167.706



11, 15.753, 297.706



11, 15.753, 347.706

Sweetspot

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



11, 15.754, 117.708



16, 7.155, 116.184



5, 10.299, 30.234



6, 3.625, 118.376



61, 0.008, 296.813



6, 0.002, 296.812

Same Dimension

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



11, 15.754, 117.708



15, 23.749, 115.506



10, 18.358, 137.672



4, 0.792, 117.787



31, 42.284, 113.180



78, 84.654, 114.170

Inverse Universe

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



3, 16.133, 295.911



2, 25.588, 297.998



4, 17.455, 312.980



4, 0.794, 297.341



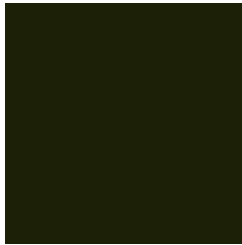
6, 55.162, 307.366



26, 112.677, 307.119

Previews

White Background



This preview shows how the CIELCh color 11, 15.753, 117.706 looks on a white background.

Color Contrast Check

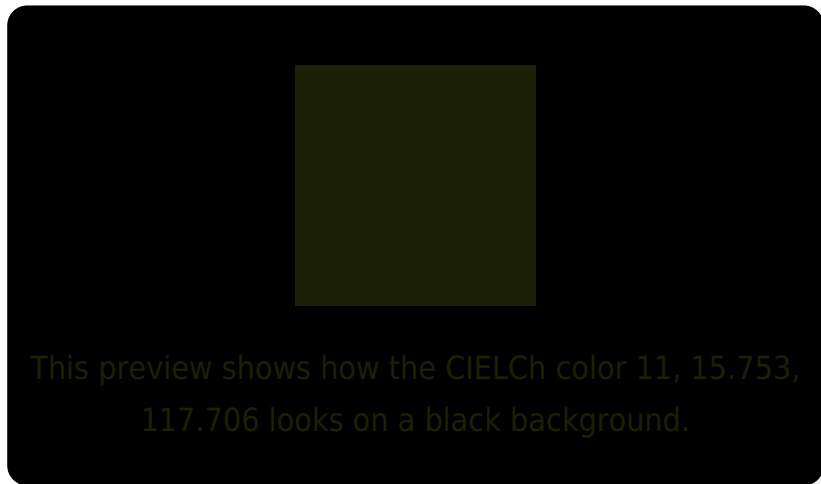
Large Text (above 18pt) WCAG AA ✓ Pass

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

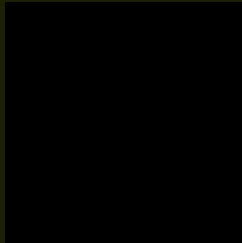
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 15.753, 117.706

Background



This preview shows how black text looks on a background with the CIELCh color 11, 15.753, 117.706.

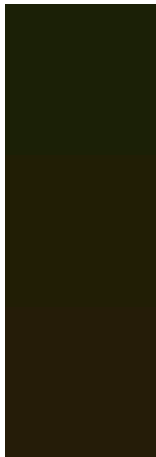


This preview shows how white text looks on a background with the CIELCh color 11, 15.753, 117.706.

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, 15.753, 117.706

Protanopia

11, 14.543, 100.678

Deuteranopia

11, 13.002, 83.983



Tritanopia
11, 1.532, 272.060

Trichromacy



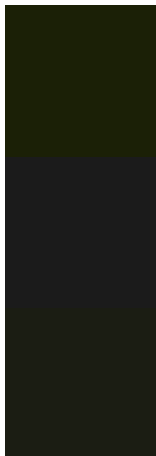
Original Color
11, 15.753, 117.706

Protanomaly
11, 15.143, 107.428

Deuteranomaly
11, 13.137, 97.681

Tritanomaly
11, 6.703, 121.885

Monochromacy



Original Color
11, 15.753, 117.706

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 7.201, 116.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 15.753, 117.706 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(27, 32, 6)` looks like.

```
.text, #text, p{  
    color:rgb(27, 32, 6)  
}
```

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(27, 32, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 32, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 15.753, 117.706 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(27, 32, 6) }
```

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

```
.border{ border-color:rgb(27, 32, 6) }
```

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

Here you see how a box with a 4 pixel rgb(27, 32, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 32, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 32, 6); box-shadow:4px  
4px 4px 4px rgb(27, 32, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 15.753, 117.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 32, 6) }
```

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

```
.background{ background-color: rgb(27, 32,  
6) }
```

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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