

Converting Colors

CIELCh(10, 13.668, 114.909)

Have a look what the booklet for
CIELCh(10, 13.668, 114.909)
contains.

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Color

CIELCh(10, 13.533, 115.723)

Conversions

Conversions Part 1

Format	Color
Hex	1A1D06
RGB	26, 29, 6
RGB Percent	10%, 11%, 2%
CMY	0.8973, 0.8854, 0.9749
CMYK	0.10, 0.00, 0.78, 0.89
HSL	68°, 64%, 7%
HSV	68°, 78%, 11%
XYZ	0.9106, 1.1260, 0.3530
YIQ	25.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

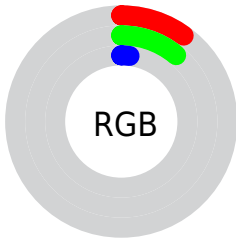
Format	Color
RYB	6, 29, 9
Decimal	1711366
CIELab	10.00, -5.87, 12.19
CIELCh	10, 13.533, 115.723
Yxy	1.1260, 0.3811, 0.4712
Android (android.graphics.Color)	4279901446 (0xFF1A1D06)
YUV	25.4810, -9.6041, 0.4552
Hunter-Lab	10.6114, -3.2517, 5.4555

Details

The CIELCh color **10, 13.533, 115.723** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **3, 13.750, 294.088**, and the grayscale version is **9, 0.003, 296.813**.

A 20% lighter version of the original color is **30, 14.012, 115.387**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 14.764, 116.163**, and if you desaturate by 10%, it is **10, 12.310, 115.257**.

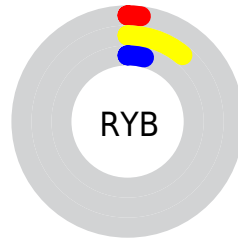
Distribution



Red (10%)

Green (11%)

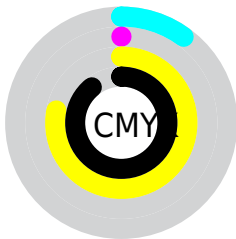
Blue (2%)



Red (2%)

Yellow (11%)

Blue (4%)

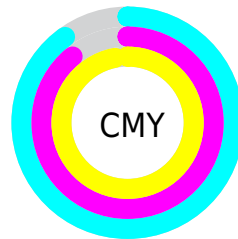


Cyan (10%)

Magenta (0%)

Yellow (78%)

Black (89%)



Cyan (90%)

Magenta (89%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 10, 13.533, 115.723 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 10, 13.533, 115.723 by changing the saturation by 10% instead.

■ 10, 13.533,
115.723

■ 10, 13.533,
115.723

■ 100, 13.533,
115.723

■ 0, 13.533, 115.723

■ 30, 13.533,
115.723

■ 40, 13.533,
115.723


■ 50, 13.533,
115.723


■ 60, 13.533,
115.723


■ 70, 13.533,
115.723


■ 80, 13.533,


115.723


 90, 13.533,
115.723


 10, 13.533,
115.723


 10, 13.533,
115.723

 10, 14.764,
116.163

 10, 12.310,
115.257

 10, 16.002,
116.580

 10, 11.034,
114.778

 10, 16.235,
116.657

 10, 9.562, 114.365

 10, 7.880, 114.065

 11, 5.982, 113.997

 11, 3.882, 114.426

■ 11, 1.740, 114.979

■ 11, 0.408, 295.533

■ 11, 2.557, 296.056

Harmonies

Complementary

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



10, 13.533, 115.723



3, 13.750, 294.088

Rectangle

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



10, 13.533, 115.723



10, 13.533, 165.723



10, 13.533, 295.723



10, 13.533, 345.723

Sweetspot

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



10, 13.534, 115.725



15, 6.202, 114.048



4, 8.820, 27.401



6, 3.395, 115.996



61, 0.008, 296.813



6, 0.002, 296.812

Same Dimension

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



10, 13.534, 115.725



14, 21.182, 112.985



9, 15.543, 136.673



4, 0.788, 115.589



31, 41.889, 110.273



78, 83.711, 111.006

Inverse Universe

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



3, 13.750, 294.088



2, 22.664, 295.966



3, 14.675, 310.546



4, 0.790, 295.255



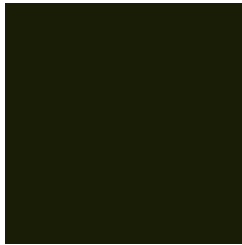
6, 55.297, 306.692



26, 113.311, 306.752

Previews

White Background



This preview shows how the CIELCh color 10, 13.533, 115.723 looks on a white background.

Color Contrast Check

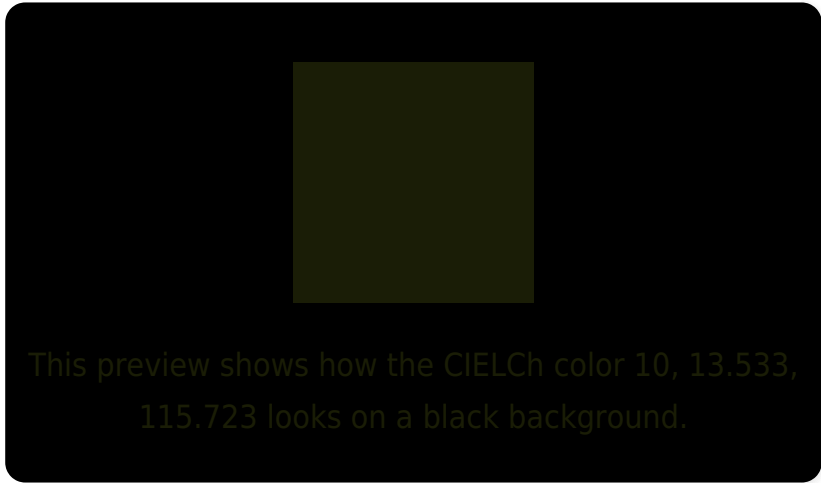
Large Text (above 18pt) WCAG AA ✓ Pass

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

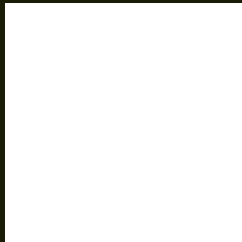
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 10, 13.533, 115.723

Background



This preview shows how black text looks on a background with the CIELCh color 10, 13.533, 115.723.

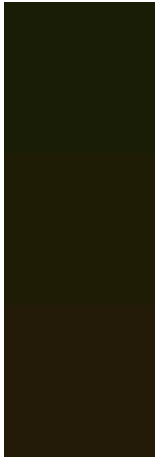


This preview shows how white text looks on a background with the CIELCh color 10, 13.533, 115.723.

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

10, 13.533, 115.723

Protanopia

10, 12.739, 100.509

Deuteranopia

10, 11.669, 81.828



Tritanopia
10, 1.569, 309.265

Trichromacy



Original Color
10, 13.533, 115.723

Protanomaly
10, 12.651, 105.952

Deuteranomaly
10, 11.857, 94.399

Tritanomaly
10, 5.119, 114.646

Monochromacy



Original Color
10, 13.533, 115.723

Achromatopsia
9, 0.003, 296.813

Achromatomaly
9, 5.715, 114.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 10, 13.533, 115.723 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, 29, 6)` looks like.

```
.text, #text, p{  
    color:rgb(26, 29, 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(26, 29, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 29, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 10, 13.533, 115.723 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, 29, 6) }
```

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

```
.border{ border-color:rgb(26, 29, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 29, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 29, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 29, 6); box-shadow:4px  
4px 4px 4px rgb(26, 29, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 10, 13.533, 115.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 29, 6) }
```

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

```
.background{ background-color: rgb(26, 29,  
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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