

Converting Colors

CIELCh(11, 14.890, 110.128)

Have a look what the booklet for
CIELCh(11, 14.890, 110.128)
contains.

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Color

CIELCh(11, 14.760, 109.716)

Conversions

Conversions Part 1

Format	Color
Hex	1E1F06
RGB	30, 31, 6
RGB Percent	12%, 12%, 2%
CMY	0.8827, 0.8789, 0.9773
CMYK	0.03, 0.00, 0.81, 0.88
HSL	62°, 68%, 7%
HSV	62°, 81%, 12%
XYZ	1.0512, 1.2610, 0.3545
YIQ	27.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

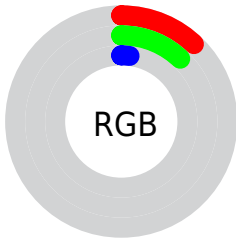
Format	Color
R_{YB}	6, 31, 7
Decimal	1974022
CIE Lab	11.00, -4.98, 13.89
CIE LCh	11, 14.760, 109.716
Yxy	1.2610, 0.3942, 0.4729
Android (android.graphics.Color)	4280164102 (0xFF1E1F06)
YUV	27.8510, -10.7725, 1.8847
Hunter-Lab	11.2295, -2.9421, 5.9888

Details

The CIELCh color **11, 14.760, 109.716** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2, 15.275, 291.871**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 15.049, 109.227**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 16.019, 109.860**, and if you desaturate by 10%, it is **11, 13.505, 109.582**.

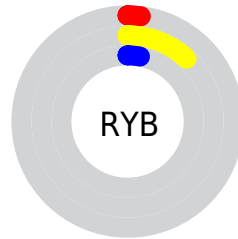
Distribution



Red (12%)

Green (12%)

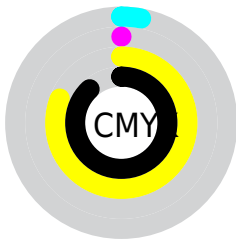
Blue (2%)



Red (2%)

Yellow (12%)

Blue (3%)

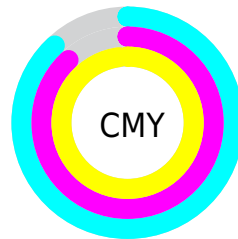


Cyan (3%)

Magenta (0%)

Yellow (81%)

Black (88%)



Cyan (88%)


Magenta (88%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 14.760, 109.716 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, 14.760, 109.716 by changing the saturation by 10% instead.

 11, 14.760,
109.716


 11, 14.760,
109.716


 100, 14.760,
109.716


 1, 14.760, 109.716


 31, 14.760,
109.716


 0, 14.760, 109.716

 41, 14.760,
109.716


 51, 14.760,
109.716


 61, 14.760,
109.716


 71, 14.760,
109.716


 81, 14.760,


109.716


 91, 14.760,
109.716


 11, 14.760,
109.716


 11, 14.760,
109.716

 11, 16.019,
109.860

 11, 13.505,
109.582

 11, 17.125,
109.989

 11, 12.207,
109.459

 11, 10.694,
109.390

 11, 8.942, 109.424

 11, 6.943, 109.682

 11, 4.742, 110.312

■ 12, 2.511, 110.975

■ 12, 0.271, 111.586

■ 12, 1.972, 292.292

Harmonies

Complementary

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



11, 14.760, 109.716



2, 15.275, 291.871

Rectangle

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



11, 14.760, 109.716



11, 14.760, 159.716



11, 14.760, 289.716



11, 14.760, 339.716

Sweetspot

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



11, 14.761, 109.718



16, 6.800, 109.995



4, 10.599, 21.225



6, 3.480, 111.911



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, 14.761, 109.718



16, 23.008, 107.171



10, 16.730, 133.389



4, 0.784, 111.764



32, 41.501, 105.062



80, 82.781, 105.287

Inverse Universe

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



2, 15.275, 291.871



2, 25.063, 294.286



3, 15.980, 306.925



4, 0.787, 291.669



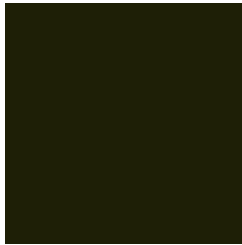
5, 55.459, 305.631



25, 113.973, 306.388

Previews

White Background



This preview shows how the CIELCh color 11, 14.760, 109.716 looks on a white background.

Color Contrast Check

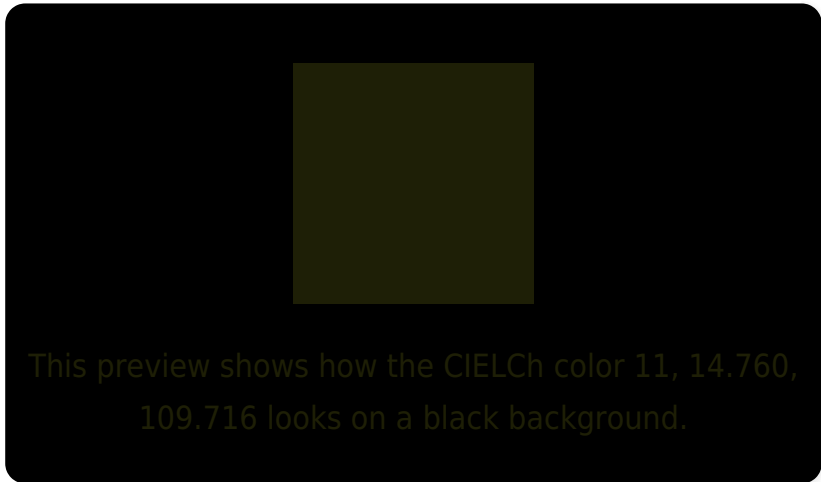
Large Text (above 18pt) WCAG AA ✓ Pass

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

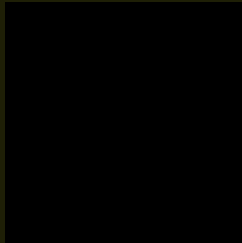
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

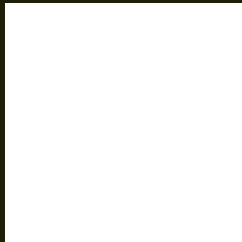
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 11, 14.760, 109.716

Background



This preview shows how black text looks on a background with the CIELCh color 11, 14.760, 109.716.

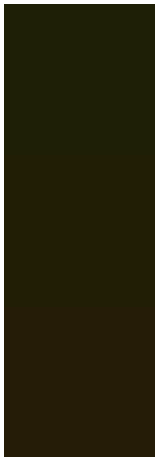


This preview shows how white text looks on a background with the CIELCh color 11, 14.760, 109.716.

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, 14.760, 109.716

Protanopia

11, 14.543, 100.678

Deuteranopia

11, 13.375, 84.613



Tritanopia
11, 2.107, 336.104

Trichromacy



Original Color
11, 14.760, 109.716

Protanomaly
11, 14.486, 103.053

Deuteranomaly
11, 13.260, 95.112

Tritanomaly
11, 5.820, 102.991

Monochromacy



Original Color
11, 14.760, 109.716

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 6.462, 108.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 14.760, 109.716 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(30, 31, 6)` looks like.

```
.text, #text, p{  
    color:rgb(30, 31, 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(30, 31, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 31, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 14.760, 109.716 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(30, 31, 6) }
```

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

```
.border{ border-color:rgb(30, 31, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 31, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 31, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 31, 6); box-shadow:4px  
4px 4px 4px rgb(30, 31, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 14.760, 109.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 31, 6) }
```

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

```
.background{ background-color: rgb(30, 31,  
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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