

Converting Colors

CIELCh(11, 30.979, 14.040)

Have a look what the booklet for
CIELCh(11, 30.979, 14.040) contains.

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Color

CIELCh(11, 31.063, 14.836)

Conversions

Conversions Part 1

Format	Color
Hex	420314
RGB	66, 3, 20
RGB Percent	26%, 1%, 8%
CMY	0.7421, 0.9890, 0.9224
CMYK	0.00, 0.96, 0.70, 0.74
HSL	344°, 92%, 13%
HSV	344°, 96%, 26%
XYZ	2.3862, 1.2610, 0.7699
YIQ	23.7750, 32.0910, 18.6430

Conversions

Conversions Part 2

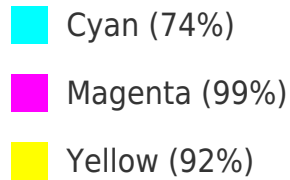
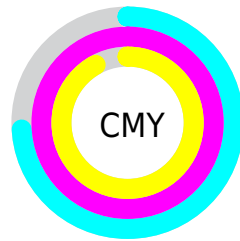
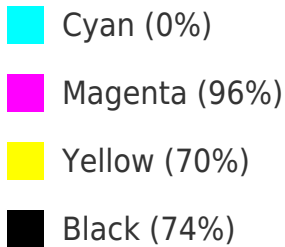
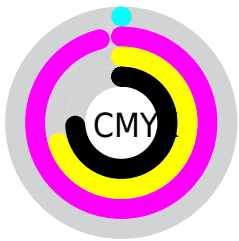
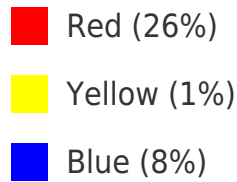
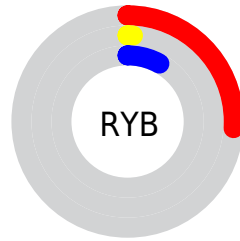
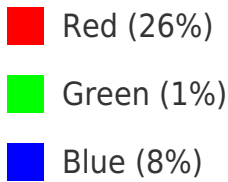
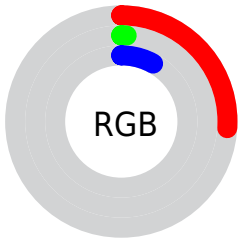
Format	Color
R _Y B	66, 3, 20
Decimal	4326164
CIE Lab	11.00, 30.03, 7.95
CIE LCh	11, 31.063, 14.836
Yxy	1.2610, 0.5402, 0.2855
Android (android.graphics.Color)	4282516244 (0xFF420314)
YUV	23.7750, -1.8611, 37.0313
Hunter-Lab	11.2295, 18.2792, 3.7958

Details

The CIELCh color **11, 31.063, 14.836** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 23.990, 167.577**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 30.986, 14.681**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 32.323, 15.350**, and if you desaturate by 10%, it is **12, 28.284, 12.310**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 31.063, 14.836 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, 31.063, 14.836 by changing the saturation by 10% instead.

11, 31.063, 14.836

11, 31.063, 14.836

100, 31.063,
14.836

1, 31.063, 14.836

31, 31.063, 14.836

0, 31.063, 14.836

41, 31.063, 14.836

51, 31.063, 14.836

61, 31.063, 14.836

71, 31.063, 14.836

81, 31.063, 14.836

91, 31.063, 14.836

■ 11, 31.063, 14.836

■ 11, 31.063, 14.836

■ 11, 32.323, 15.350

■ 12, 28.284, 12.310

■ 13, 25.541, 9.243

■ 15, 22.433, 6.749

■ 16, 19.071, 4.717

■ 18, 15.572, 3.042

■ 20, 12.037, 1.642

■ 22, 8.539, 0.448

■ 24, 5.127, 359.409

■ 27, 1.831, 358.437

Harmonies

Complementary

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



11, 31.063, 14.836



24, 23.990, 167.577

Rectangle

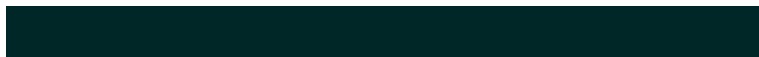
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11, 31.063, 14.836



11, 31.063, 64.836



11, 31.063, 194.836



11, 31.063, 244.836

Sweetspot

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



11, 31.061, 14.838



29, 12.199, 0.970



10, 43.189, 318.847



12, 8.261, 1.186



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



11, 31.061, 14.838



16, 39.537, 18.940



13, 29.633, 38.902



12, 1.800, 358.716



18, 42.894, 19.868



47, 81.281, 24.582

Inverse Universe

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



11, 31.061, 14.838



16, 39.537, 18.940



20, 16.156, 232.992



12, 1.800, 358.716



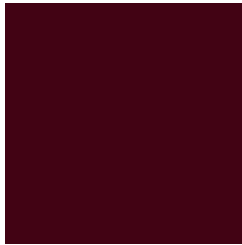
18, 42.894, 19.868



47, 81.281, 24.582

Previews

White Background



This preview shows how the CIELCh color 11, 31.063, 14.836 looks on a white background.

Color Contrast Check

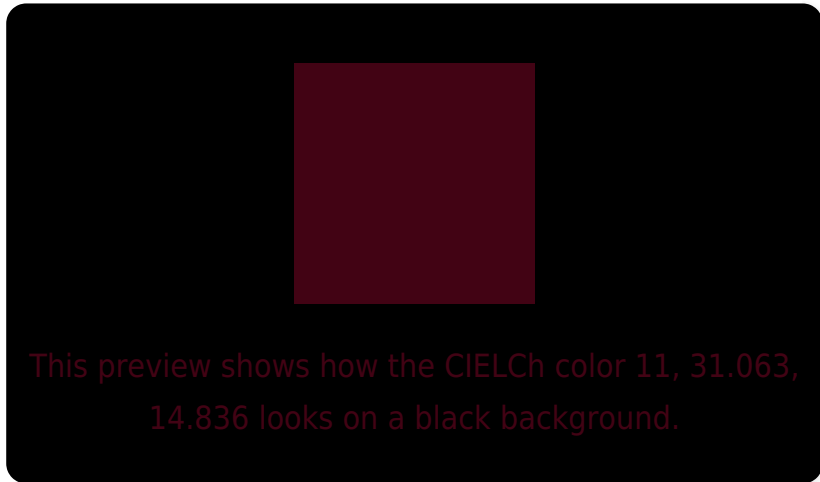
Large Text (above 18pt) WCAG AA ✓ Pass

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

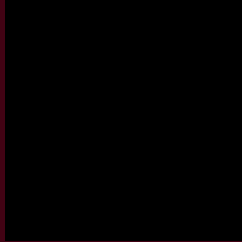
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 31.063, 14.836

Background



This preview shows how black text looks on a background with the CIELCh color 11, 31.063, 14.836.



This preview shows how white text looks on a background with the CIELCh color 11, 31.063, 14.836.

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, 31.063, 14.836

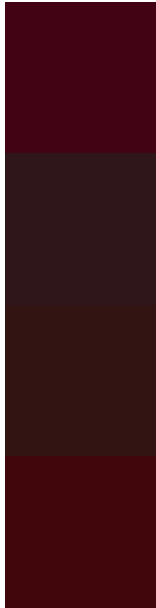
Protanopia
13, 3.044, 89.474

Deuteranopia
13, 11.666, 81.240



Tritanopia
11, 30.611, 28.983

Trichromacy



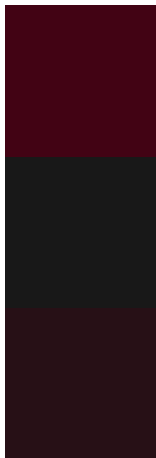
Original Color
11, 31.063, 14.836

Protanomaly
11, 13.000, 11.220

Deuteranomaly
11, 16.645, 30.897

Tritanomaly
11, 30.530, 24.040

Monochromacy



Original Color
11, 31.063, 14.836

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 12.941, 4.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 31.063, 14.836 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(66, 3, 20)` looks like.

```
.text, #text, p{  
    color:rgb(66, 3, 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(66, 3, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 3, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 31.063, 14.836 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(66, 3, 20) }
```

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

```
.border{ border-color:rgb(66, 3, 20) }
```

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

Here you see how a box with a 4 pixel rgb(66, 3, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 3, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 3, 20); box-shadow:4px  
4px 4px 4px rgb(66, 3, 20) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 31.063, 14.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 3, 20) }
```

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

```
.background{ background-color: rgb(66, 3,  
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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