

Converting Colors

CIELCh(11, 31.373, 28.546)

Have a look what the booklet for
CIELCh(11, 31.373, 28.546) contains.

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Color

CIELCh(11, 31.447, 28.867)

Conversions

Conversions Part 1

Format	Color
Hex	410605
RGB	65, 6, 5
RGB Percent	25%, 2%, 2%
CMY	0.7454, 0.9767, 0.9808
CMYK	0.00, 0.91, 0.92, 0.75
HSL	1°, 86%, 14%
HSV	1°, 92%, 25%
XYZ	2.2666, 1.2610, 0.2645
YIQ	23.5270, 35.4850, 12.1970

Conversions

Conversions Part 2

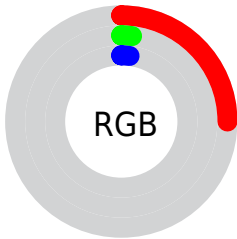
Format	Color
RYB	65, 6, 5
Decimal	4261381
CIELab	11.00, 27.54, 15.18
CIElCh	11, 31.447, 28.867
Yxy	1.2610, 0.5977, 0.3325
Android (android.graphics.Color)	4282451461 (0xFF410605)
YUV	23.5270, -9.1338, 36.3718
Hunter-Lab	11.2295, 16.3781, 6.4640

Details

The CIELCh color **11, 31.447, 28.867** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 17.725, 198.806**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 31.176, 28.701**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 33.556, 28.457**, and if you desaturate by 10%, it is **12, 28.775, 29.093**.

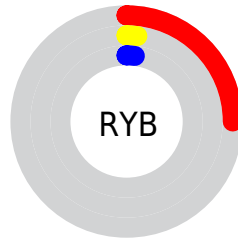
Distribution



Red (25%)

Green (2%)

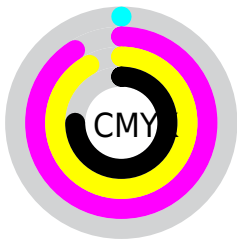
Blue (2%)



Red (25%)

Yellow (2%)

Blue (2%)

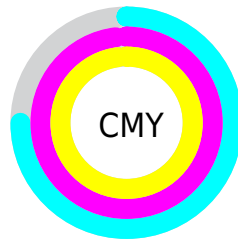


Cyan (0%)

Magenta (91%)

Yellow (92%)

Black (75%)



Cyan (75%)

Magenta (98%)

Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 31.447, 28.867 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, 31.447, 28.867 by changing the saturation by 10% instead.

 11, 31.447, 28.867

 11, 31.447, 28.867

 100, 31.447,
28.867

 1, 31.447, 28.867

 31, 31.447, 28.867

 0, 31.447, 28.867

 41, 31.447, 28.867

 51, 31.447, 28.867

 61, 31.447, 28.867

 71, 31.447, 28.867

 81, 31.447, 28.867

 91, 31.447, 28.867

■ 11, 31.447, 28.867

■ 11, 31.447, 28.867

■ 10, 33.556, 28.457

■ 12, 28.775, 29.093

■ 13, 25.569, 28.831

■ 15, 21.710, 27.198

■ 17, 17.773, 25.466

■ 19, 13.963, 24.093

■ 21, 10.333, 23.011

■ 23, 6.910, 22.153

■ 25, 3.702, 21.455

■ 27, 0.706, 20.642

Harmonies

Complementary

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



11, 31.447, 28.867



24, 17.725, 198.806

Rectangle

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



11, 31.447, 28.867



11, 31.447, 78.867



11, 31.447, 208.867



11, 31.447, 258.867

Sweetspot

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



11, 31.446, 28.870



28, 10.938, 22.708



13, 40.666, 328.632



12, 7.671, 22.895



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, 31.446, 28.870



15, 42.362, 33.642



17, 25.977, 64.991



12, 1.659, 21.202



18, 48.023, 35.774



47, 94.724, 40.143

Inverse Universe

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



24, 17.725, 198.806



31, 21.872, 198.906



13, 22.905, 277.477



12, 1.582, 200.614



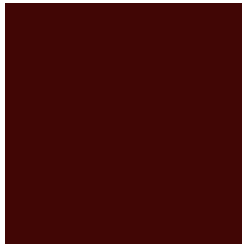
36, 24.107, 198.955



80, 44.385, 199.159

Previews

White Background



This preview shows how the CIELCh color 11, 31.447, 28.867 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, 31.447, 28.867

Background



This preview shows how black text looks on a background with the CIELCh color 11, 31.447, 28.867.



This preview shows how white text looks on a background with the CIELCh color 11, 31.447, 28.867.

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, 31.447, 28.867

Protanopia

13, 14.671, 97.667

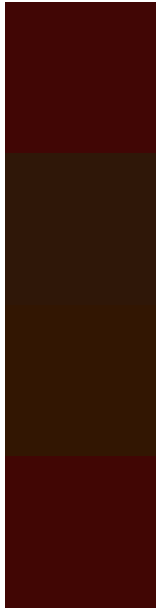
Deuteranopia

12, 18.503, 85.924



Tritanopia
11, 31.743, 30.171

Trichromacy



Original Color

11, 31.447, 28.867

Protanomaly

11, 16.769, 51.330

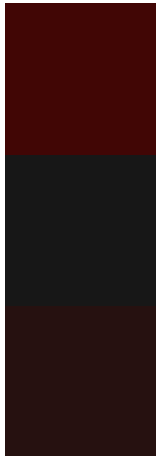
Deuteranomaly

11, 20.027, 52.245

Tritanomaly

11, 31.593, 29.522

Monochromacy



Original Color

11, 31.447, 28.867

Achromatopsia

8, 0.002, 296.812

Achromatomaly

8, 11.775, 23.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 31.447, 28.867 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(65, 6, 5)` looks like.

```
.text, #text, p{  
    color:rgb(65, 6, 5)  
}
```

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(65, 6, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 6, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 31.447, 28.867 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".

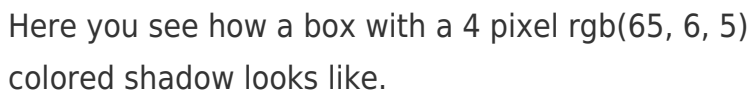
```
.border, #border, table{ border:4px solid rgb(65, 6, 5) }
```

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

```
.border{ border-color:rgb(65, 6, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 6, 5)` colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 6, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 6, 5); box-shadow:4px  
4px 4px 4px rgb(65, 6, 5) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 31.447, 28.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 6, 5) }
```

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

```
.background{ background-color: rgb(65, 6,  
5) }
```

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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