

Converting Colors

CIELCh(4, 65.698, 353.775)

Have a look what the booklet for
CIELCh(4, 65.698, 353.775) contains.

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Color

CIELCh(14, 35.588, 10.796)

Conversions

Conversions Part 1

Format	Color
Hex	4E011C
RGB	78, 1, 28
RGB Percent	31%, 0%, 11%
CMY	0.6936, 0.9960, 0.8908
CMYK	0.00, 0.99, 0.64, 0.69
HSL	339°, 97%, 16%
HSV	339°, 99%, 31%
XYZ	3.3705, 1.7298, 1.2451
YIQ	27.1010, 37.2250, 24.7210

Conversions

Conversions Part 2

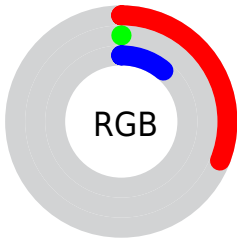
Format	Color
R_{YB}	78, 1, 28
Decimal	5112092
CIE _{Lab}	14.00, 34.96, 6.67
CIE _{LCh}	14, 35.588, 10.796
Yxy	1.7298, 0.5312, 0.2726
Android (android.graphics.Color)	4283302172 (0xFF4E011C)
YUV	27.1010, 0.4432, 44.6384
Hunter-Lab	13.1521, 22.7278, 3.5937

Details

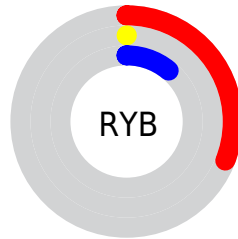
The CIELCh color **14, 35.588, 10.796** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **29, 30.363, 160.687**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 35.808, 10.517**, and **1, 6.390, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 35.959, 11.161**, and if you desaturate by 10%, it is **15, 32.957, 7.698**.

Distribution



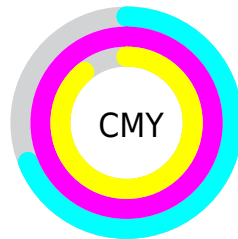
- Red (31%)
- Green (0%)
- Blue (11%)



- Red (31%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (99%)
- Yellow (64%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 35.588, 10.796 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 14, 35.588, 10.796 by changing the saturation by 10% instead.

 14, 35.588, 10.796

 14, 35.588, 10.796

 100, 35.588,
10.796

 4, 35.588, 10.796

 34, 35.588, 10.796

 0, 35.588, 10.796

 44, 35.588, 10.796

 54, 35.588, 10.796

 64, 35.588, 10.796

 74, 35.588, 10.796

 84, 35.588, 10.796

 94, 35.588, 10.796

■ 14, 35.588, 10.796

■ 14, 35.588, 10.796

■ 14, 35.959, 11.161

■ 15, 32.957, 7.698

■ 16, 30.371, 4.501

■ 18, 27.201, 1.913

■ 20, 23.568,
359.817

■ 22, 19.635,
358.094

■ 24, 15.549,
356.653

■ 26, 11.426,
355.424

■ 29, 7.348, 354.353

■ 31, 3.366, 353.383

Harmonies

Complementary

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



14, 35.588, 10.796



29, 30.363, 160.687

Rectangle

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



14, 35.588, 10.796



14, 35.588, 60.796



14, 35.588, 190.796



14, 35.588, 240.796

Sweetspot

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



14, 35.586, 10.798



34, 14.930, 355.703



11, 50.445, 316.739



15, 10.080, 355.967



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



14, 35.586, 10.798



20, 43.424, 13.289



15, 37.206, 37.468



14, 2.121, 353.376



49, 79.642, 17.524

Inverse Universe

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



14, 35.586, 10.798



20, 43.424, 13.289



25, 18.459, 221.628



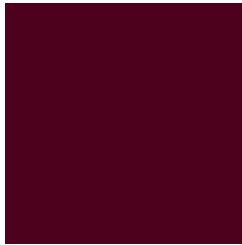
14, 2.121, 353.376



49, 79.642, 17.524

Previews

White Background



This preview shows how the CIELCh color 14, 35.588, 10.796 looks on a white background.

Color Contrast Check

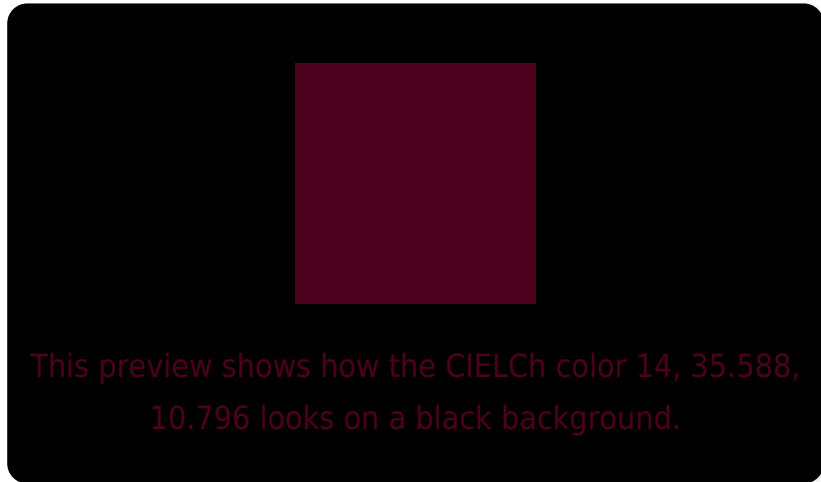
Large Text (above 18pt) WCAG AA ✓ Pass

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

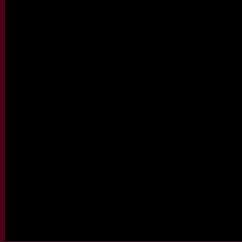
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 35.588, 10.796

Background



This preview shows how black text looks on a background with the CIELCh color 14, 35.588, 10.796.



This preview shows how white text looks on a background with the CIELCh color 14, 35.588, 10.796.

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

14, 35.540, 10.552

Protanopia

16, 0.703, 290.396

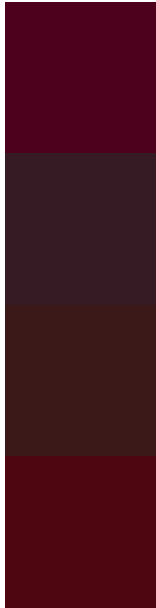
Deuteranopia

16, 11.277, 78.405



Tritanopia
15, 35.755, 31.728

Trichromacy



Original Color
14, 35.540, 10.552

Protanomaly
14, 15.405, 357.429

Deuteranomaly
14, 18.475, 25.063

Tritanomaly
14, 35.557, 25.677

Monochromacy



Original Color
14, 35.540, 10.552

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 15.599, 1.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 35.588, 10.796 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(78, 1, 28)` looks like.

```
.text, #text, p{  
    color:rgb(78, 1, 28)  
}
```

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(78, 1, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 1, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 35.588, 10.796 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(78, 1, 28) }
```

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

```
.border{ border-color:rgb(78, 1, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 1, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 1, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 1, 28); box-shadow:4px  
4px 4px 4px rgb(78, 1, 28) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 35.588, 10.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 1, 28) }
```

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

```
.background{ background-color: rgb(78, 1,  
28) }
```

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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