

Converting Colors

CIELCh(14, 31.135, 29.539)

Have a look what the booklet for
CIELCh(14, 31.135, 29.539) contains.

CIELCh(14, 31.182, 28.902)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(14, 31.182, 28.902)

Conversions

Conversions Part 1

Format	Color
Hex	480E0F
RGB	72, 14, 15
RGB Percent	28%, 5%, 6%
CMY	0.7174, 0.9449, 0.9410
CMYK	0.00, 0.80, 0.79, 0.72
HSL	359°, 67%, 17%
HSV	359°, 80%, 28%
XYZ	2.9206, 1.7298, 0.6339
YIQ	31.4560, 34.2470, 12.6070

Conversions

Conversions Part 2

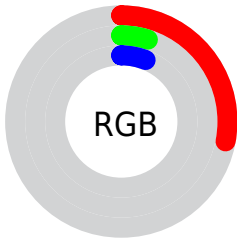
Format	Color
R_YB	72, 14, 15
Decimal	4722191
CIE Lab	14.00, 27.30, 15.07
CIE LCh	14, 31.182, 28.902
Yxy	1.7298, 0.5527, 0.3273
Android (android.graphics.Color)	4282912271 (0xFF480E0F)
YUV	31.4560, -8.1128, 35.5571
Hunter-Lab	13.1521, 16.6224, 6.3487

Details

The CIELCh color **14, 31.182, 28.902** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27, 18.551, 194.568**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 31.277, 29.285**, and **0, 1.109, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 34.177, 29.442**, and if you desaturate by 10%, it is **15, 27.319, 27.135**.

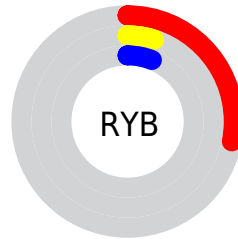
Distribution



Red (28%)

Green (5%)

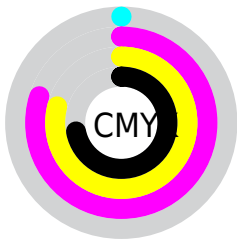
Blue (6%)



Red (28%)

Yellow (5%)

Blue (6%)

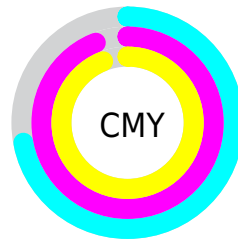


Cyan (0%)

Magenta (80%)

Yellow (79%)

Black (72%)



Cyan (72%)

Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 31.182, 28.902 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, 31.182, 28.902 by changing the saturation by 10% instead.

 14, 31.182, 28.902

 14, 31.182, 28.902

 100, 31.182,
28.902

 4, 31.182, 28.902

 34, 31.182, 28.902

 0, 31.182, 28.902

 44, 31.182, 28.902

 54, 31.182, 28.902

 64, 31.182, 28.902

 74, 31.182, 28.902

 84, 31.182, 28.902

 94, 31.182, 28.902

■ 14, 31.182, 28.902

■ 14, 31.182, 28.902

■ 13, 34.177, 29.442

■ 15, 27.319, 27.135

■ 12, 36.980, 29.322

■ 17, 23.035, 24.797

■ 19, 18.778, 22.923

■ 21, 14.640, 21.438

■ 23, 10.684, 20.259

■ 26, 6.945, 19.314

■ 28, 3.437, 18.529

■ 30, 0.157, 16.308

■ 33, 2.907, 197.602

Harmonies

Complementary

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



14, 31.182, 28.902



27, 18.551, 194.568

Rectangle

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



14, 31.182, 28.902



14, 31.182, 78.902



14, 31.182, 208.902



14, 31.182, 258.902

Sweetspot

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



14, 31.181, 28.905



33, 10.326, 19.712



16, 40.874, 326.733



15, 7.199, 19.893



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



14, 31.181, 28.905



18, 45.815, 33.933



20, 25.821, 63.002



13, 1.799, 18.386



19, 49.046, 34.947



47, 95.038, 39.451

Inverse Universe

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



14, 31.181, 28.905



18, 45.815, 33.933



18, 20.137, 268.443



13, 1.799, 18.386



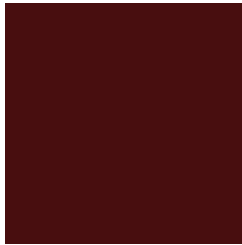
19, 49.046, 34.947



47, 95.038, 39.451

Previews

White Background



This preview shows how the CIELCh color 14, 31.182, 28.902 looks on a white background.

Color Contrast Check

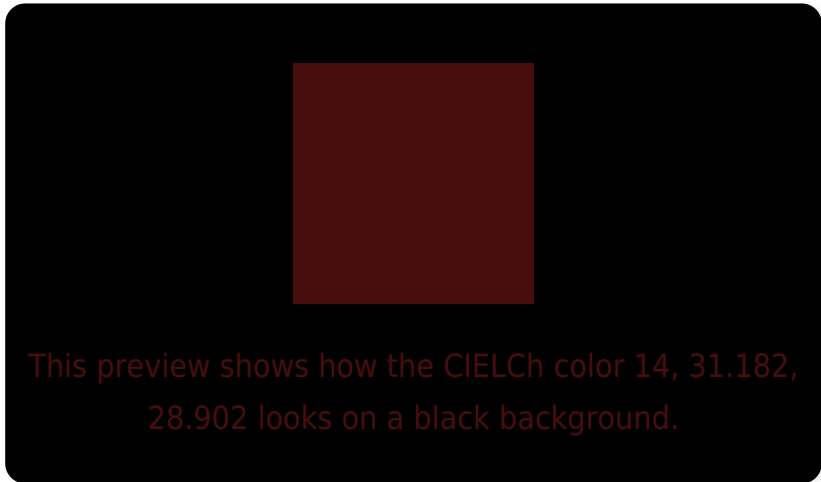
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.182, 28.902

Background



This preview shows how black text looks on a background with the CIELCh color 14, 31.182, 28.902.

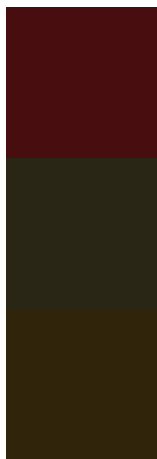


This preview shows how white text looks on a background with the CIELCh color 14, 31.182, 28.902.

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, 31.182, 28.902

Protanopia

15, 11.355, 95.916

Deuteranopia

15, 18.067, 83.306



Tritanopia
14, 31.377, 29.745

Trichromacy



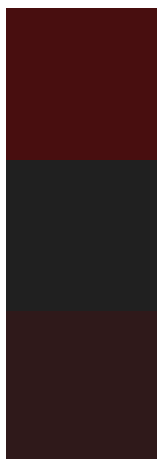
Original Color
14, 31.182, 28.902

Protanomaly
14, 15.738, 48.203

Deuteranomaly
14, 20.356, 51.822

Tritanomaly
14, 31.377, 29.745

Monochromacy



Original Color
14, 31.182, 28.902

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 11.853, 19.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 31.182, 28.902 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(72, 14, 15)` looks like.

```
.text, #text, p{  
    color:rgb(72, 14, 15)  
}
```

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(72, 14, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 14, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 31.182, 28.902 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(72, 14, 15) }
```

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

```
.border{ border-color:rgb(72, 14, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 14, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 14, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 14, 15);  
box-shadow:4px 4px 4px 4px rgb(72, 14, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 31.182, 28.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 14, 15) }
```

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

```
.background{ background-color: rgb(72, 14,  
15) }
```

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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