

Converting Colors

CIELCh(14, 31.244, 14.955)

Have a look what the booklet for
CIELCh(14, 31.244, 14.955) contains.

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Color

CIELCh(14, 31.369, 14.807)

Conversions

Conversions Part 1

Format	Color
Hex	4A0A1A
RGB	74, 10, 26
RGB Percent	29%, 4%, 10%
CMY	0.7108, 0.9619, 0.8988
CMYK	0.00, 0.87, 0.65, 0.71
HSL	345°, 77%, 16%
HSV	345°, 87%, 29%
XYZ	3.0934, 1.7298, 1.1364
YIQ	30.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

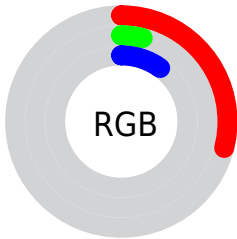
Format	Color
R_{YB}	74, 10, 26
Decimal	4852250
CIE Lab	14.00, 30.33, 8.02
CIE LCh	14, 31.369, 14.807
Yxy	1.7298, 0.5191, 0.2903
Android (android.graphics.Color)	4283042330 (0xFF4A0A1A)
YUV	30.9600, -2.4453, 37.7461
Hunter-Lab	13.1521, 18.9672, 4.0835

Details

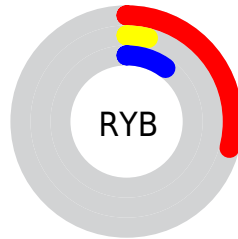
The CIELCh color **14, 31.369, 14.807** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27, 24.074, 170.016**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 31.457, 14.568**, and **1, 3.677, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 34.334, 17.909**, and if you desaturate by 10%, it is **15, 28.402, 11.448**.

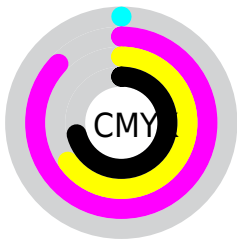
Distribution



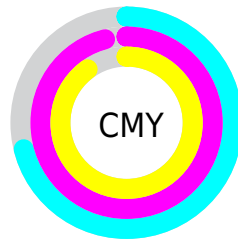
- Red (29%)
- Green (4%)
- Blue (10%)



- Red (29%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (87%)
- Yellow (65%)
- Black (71%)



- Cyan (71%)
- Magenta (96%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 31.369, 14.807 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, 31.369, 14.807 by changing the saturation by 10% instead.

 14, 31.369, 14.807

 14, 31.369, 14.807

 100, 31.369,
14.807

 4, 31.369, 14.807

 34, 31.369, 14.807

 0, 31.369, 14.807

 44, 31.369, 14.807

 54, 31.369, 14.807

 64, 31.369, 14.807

 74, 31.369, 14.807

 84, 31.369, 14.807

 94, 31.369, 14.807

■ 14, 31.369, 14.807

■ 14, 31.369, 14.807

■ 13, 34.334, 17.909

■ 15, 28.402, 11.448

■ 13, 35.317, 18.500

■ 17, 25.021, 8.724

■ 19, 21.342, 6.519

■ 21, 17.500, 4.718

■ 23, 13.609, 3.225

■ 25, 9.759, 1.966

■ 27, 6.008, 0.881

■ 30, 2.389, 359.892

■ 32, 1.080, 179.402

Harmonies

Complementary

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



14, 31.369, 14.807



27, 24.074, 170.016

Rectangle

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



14, 31.369, 14.807



14, 31.369, 64.807



14, 31.369, 194.807



14, 31.369, 244.807

Sweetspot

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



14, 31.367, 14.809



33, 11.862, 1.990



13, 43.627, 319.253



15, 7.954, 2.176



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, 31.367, 14.809



18, 43.241, 21.443



16, 30.388, 42.414



13, 1.903, 0.063



19, 44.084, 21.648



48, 82.903, 26.190

Inverse Universe

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



14, 31.367, 14.809



18, 43.241, 21.443



23, 16.775, 234.513



13, 1.903, 0.063



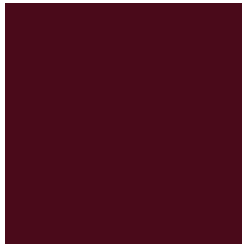
19, 44.084, 21.648



48, 82.903, 26.190

Previews

White Background



This preview shows how the CIELCh color 14, 31.369, 14.807 looks on a white background.

Color Contrast Check

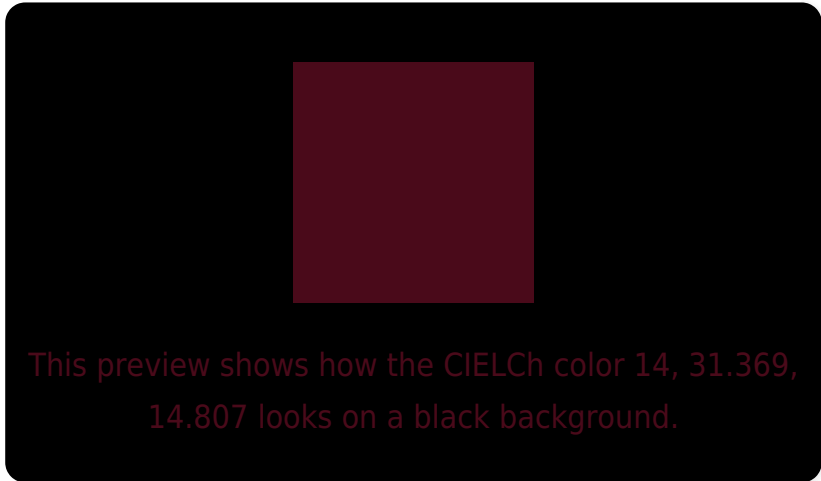
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.369, 14.807

Background



This preview shows how black text looks on a background with the CIELCh color 14, 31.369, 14.807.



This preview shows how white text looks on a background with the CIELCh color 14, 31.369, 14.807.

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, 31.369, 14.807

Protanopia

15, 0.852, 74.793

Deuteranopia

15, 11.325, 78.311



Tritanopia
14, 32.323, 30.031

Trichromacy



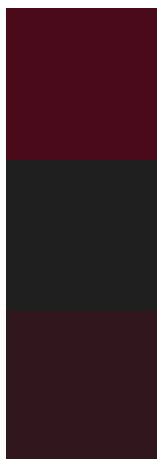
Original Color
14, 31.369, 14.807

Protanomaly
14, 12.726, 7.360

Deuteranomaly
14, 16.800, 31.112

Tritanomaly
14, 31.635, 25.024

Monochromacy



Original Color
14, 31.369, 14.807

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 13.075, 4.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 31.369, 14.807 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(74, 10, 26)` looks like.

```
.text, #text, p{  
    color:rgb(74, 10, 26)  
}
```

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(74, 10, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 10, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 31.369, 14.807 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(74, 10, 26) }
```

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

```
.border{ border-color:rgb(74, 10, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 10, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 10, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 10, 26);  
box-shadow:4px 4px 4px 4px rgb(74, 10, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 31.369, 14.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 10, 26) }
```

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

```
.background{ background-color: rgb(74, 10,  
26) }
```

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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