

Converting Colors

CIELCh(14, 36.852, 30.050)

Have a look what the booklet for
CIELCh(14, 36.852, 30.050) contains.

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Color

CIELCh(14, 36.698, 30.156)

Conversions

Conversions Part 1

Format	Color
Hex	4D0608
RGB	77, 6, 8
RGB Percent	30%, 2%, 3%
CMY	0.6978, 0.9762, 0.9683
CMYK	0.00, 0.92, 0.90, 0.70
HSL	358°, 85%, 16%
HSV	358°, 92%, 30%
XYZ	3.1757, 1.7298, 0.3987
YIQ	27.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

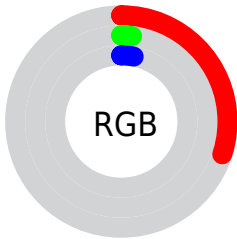
Format	Color
R_YB	77, 6, 8
Decimal	5047816
CIE Lab	14.00, 31.73, 18.44
CIE LCh	14, 36.698, 30.156
Yxy	1.7298, 0.5987, 0.3261
Android (android.graphics.Color)	4283237896 (0xFF4D0608)
YUV	27.4570, -9.5923, 43.4492
Hunter-Lab	13.1521, 20.0848, 7.4092

Details

The CIELCh color **14, 36.698, 30.156** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29, 20.768, 192.781**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 36.568, 30.673**, and **1, 4.012, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 39.091, 30.262**, and if you desaturate by 10%, it is **15, 33.574, 29.276**.

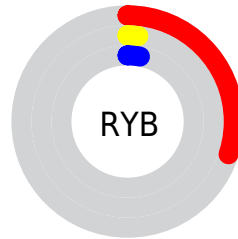
Distribution



Red (30%)

Green (2%)

Blue (3%)



Red (30%)

Yellow (2%)

Blue (3%)

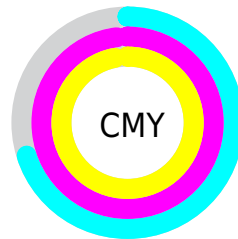


Cyan (0%)

Magenta (92%)

Yellow (90%)

Black (70%)



Cyan (70%)

Magenta (98%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 36.698, 30.156 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, 36.698, 30.156 by changing the saturation by 10% instead.

 14, 36.698, 30.156

 14, 36.698, 30.156

 100, 36.698,
30.156

 4, 36.698, 30.156

 34, 36.698, 30.156

 0, 36.698, 30.156

 44, 36.698, 30.156

 54, 36.698, 30.156

 64, 36.698, 30.156

 74, 36.698, 30.156

 84, 36.698, 30.156

 94, 36.698, 30.156

■ 14, 36.698, 30.156

■ 14, 36.698, 30.156

■ 13, 39.091, 30.262

■ 15, 33.574, 29.276

■ 16, 29.498, 27.009

■ 18, 25.028, 24.500

■ 20, 20.549, 22.486

■ 22, 16.168, 20.887

■ 25, 11.961, 19.618

■ 27, 7.973, 18.601

■ 30, 4.224, 17.762

■ 32, 0.715, 16.786

Harmonies

Complementary

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



14, 36.698, 30.156



29, 20.768, 192.781

Rectangle

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



14, 36.698, 30.156



14, 36.698, 80.156



14, 36.698, 210.156



14, 36.698, 260.156

Sweetspot

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



14, 36.697, 30.159



33, 12.750, 19.277



16, 46.405, 326.920



15, 8.946, 19.550



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, 36.697, 30.159



19, 48.819, 34.505



20, 30.844, 60.736



14, 1.910, 17.492



19, 49.896, 34.844



48, 95.411, 39.118

Inverse Universe

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



14, 36.697, 30.159



19, 48.819, 34.505



17, 24.070, 273.067



14, 1.910, 17.492



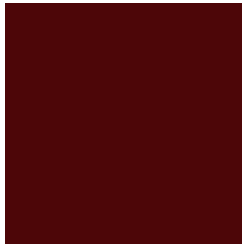
19, 49.896, 34.844



48, 95.411, 39.118

Previews

White Background



This preview shows how the CIELCh color 14, 36.698, 30.156 looks on a white background.

Color Contrast Check

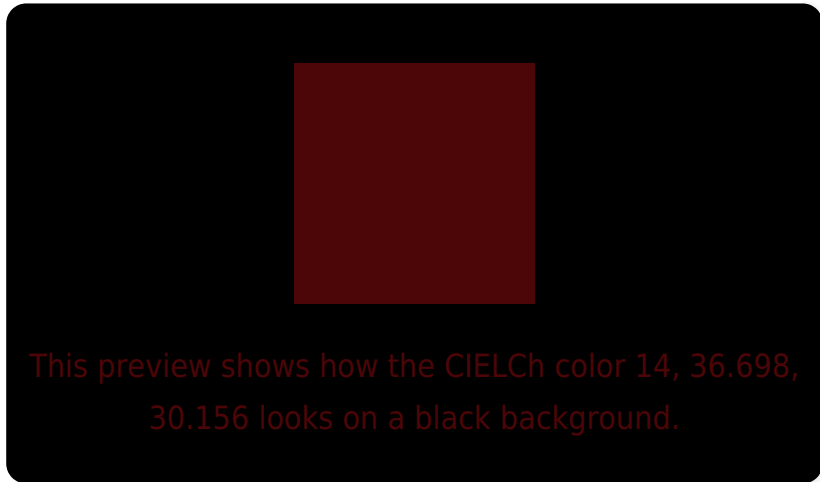
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.698, 30.156

Background



This preview shows how black text looks on a background with the CIELCh color 14, 36.698, 30.156.

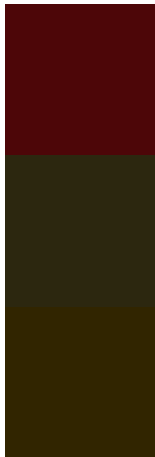


This preview shows how white text looks on a background with the CIELCh color 14, 36.698, 30.156.

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, 36.698, 30.156

Protanopia

16, 16.330, 95.925

Deuteranopia

15, 22.514, 86.975



Tritanopia
14, 37.720, 34.446

Trichromacy



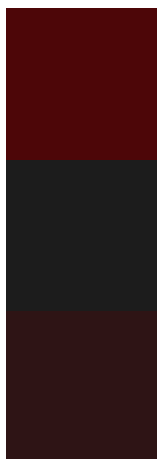
Original Color
14, 36.698, 30.156

Protanomaly
14, 19.974, 50.371

Deuteranomaly
14, 24.105, 53.519

Tritanomaly
14, 37.167, 32.855

Monochromacy



Original Color
14, 36.698, 30.156

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 14.363, 21.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 36.698, 30.156 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(77, 6, 8)` looks like.

```
.text, #text, p{  
    color:rgb(77, 6, 8)  
}
```

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(77, 6, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 6, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 36.698, 30.156 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(77, 6, 8) }
```

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

```
.border{ border-color:rgb(77, 6, 8) }
```

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

Here you see how a box with a 4 pixel rgb(77, 6, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 6, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 6, 8); box-shadow:4px  
4px 4px 4px rgb(77, 6, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 36.698, 30.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 6, 8) }
```

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

```
.background{ background-color: rgb(77, 6,  
8) }
```

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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