

Converting Colors

CIELCh(14, 35.511, 30.659)

Have a look what the booklet for
CIELCh(14, 35.511, 30.659) contains.

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Color

CIELCh(14, 35.616, 30.387)

Conversions

Conversions Part 1

Format	Color
Hex	4C0809
RGB	76, 8, 9
RGB Percent	30%, 3%, 4%
CMY	0.7020, 0.9686, 0.9647
CMYK	0.00, 0.89, 0.88, 0.70
HSL	359°, 81%, 16%
HSV	359°, 89%, 30%
XYZ	3.1165, 1.7298, 0.4280
YIQ	28.4460, 40.2070, 14.7270

Conversions

Conversions Part 2

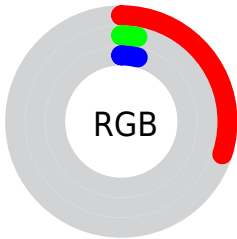
Format	Color
RYB	76, 8, 9
Decimal	4982793
CIELab	14.00, 30.72, 18.02
CIELCh	14, 35.616, 30.387
Yxy	1.7298, 0.5909, 0.3280
Android (android.graphics.Color)	4283172873 (0xFF4C0809)
YUV	28.4460, -9.5869, 41.7049
Hunter-Lab	13.1521, 19.2805, 7.2770

Details

The CIELCh color **14, 35.616, 30.387** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29, 20.138, 194.626**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 35.538, 30.566**, and **1, 3.358, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 38.624, 30.538**, and if you desaturate by 10%, it is **15, 32.376, 29.470**.

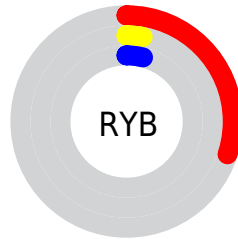
Distribution



Red (30%)

Green (3%)

Blue (4%)



Red (30%)

Yellow (3%)

Blue (4%)

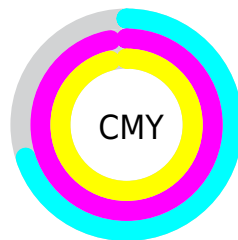


Cyan (0%)

Magenta (89%)

Yellow (88%)

Black (70%)



Cyan (70%)

Magenta (97%)

Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 35.616, 30.387 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, 35.616, 30.387 by changing the saturation by 10% instead.

 14, 35.616, 30.387

 14, 35.616, 30.387

 100, 35.616,
30.387

 4, 35.616, 30.387

 34, 35.616, 30.387

 0, 35.616, 30.387

 44, 35.616, 30.387

 54, 35.616, 30.387

 64, 35.616, 30.387

 74, 35.616, 30.387

 84, 35.616, 30.387

 94, 35.616, 30.387

■ 14, 35.616, 30.387

■ 14, 35.616, 30.387

■ 13, 38.624, 30.538

■ 15, 32.376, 29.470

■ 13, 38.789, 30.534

■ 17, 28.160, 27.203

■ 18, 23.669, 24.874

■ 20, 19.215, 23.014

■ 23, 14.894, 21.543

■ 25, 10.770, 20.379

■ 27, 6.879, 19.447

■ 30, 3.232, 18.670

■ 32, 0.174, 199.743

Harmonies

Complementary

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



14, 35.616, 30.387



29, 20.138, 194.626

Rectangle

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



14, 35.616, 30.387



14, 35.616, 80.387



14, 35.616, 210.387



14, 35.616, 260.387

Sweetspot

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



14, 35.615, 30.390



34, 12.270, 20.232



16, 45.217, 327.453



16, 8.383, 20.406



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, 35.615, 30.390



19, 49.099, 35.049



21, 29.677, 62.786



14, 1.910, 18.610



19, 50.187, 35.388



48, 95.956, 39.539

Inverse Universe

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



14, 35.615, 30.390



19, 49.099, 35.049



17, 23.828, 273.954



14, 1.910, 18.610



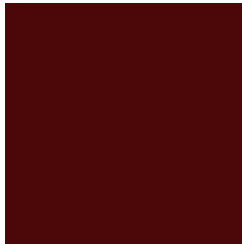
19, 50.187, 35.388



48, 95.956, 39.539

Previews

White Background



This preview shows how the CIELCh color 14, 35.616, 30.387 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, 35.616, 30.387

Background



This preview shows how black text looks on a background with the CIELCh color 14, 35.616, 30.387.

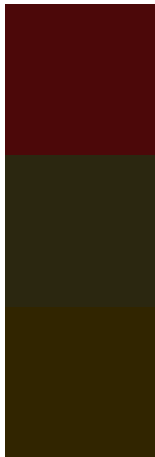


This preview shows how white text looks on a background with the CIELCh color 14, 35.616, 30.387.

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, 35.616, 30.387

Protanopia

15, 15.693, 97.747

Deuteranopia

15, 22.514, 86.975



Tritanopia
14, 36.123, 32.086

Trichromacy



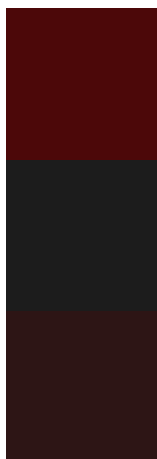
Original Color
14, 35.616, 30.387

Protanomaly
14, 19.020, 52.290

Deuteranomaly
14, 24.105, 53.519

Tritanomaly
14, 35.951, 31.525

Monochromacy



Original Color
14, 35.616, 30.387

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 13.327, 23.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 35.616, 30.387 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(76, 8, 9)` looks like.

```
.text, #text, p{  
    color:rgb(76, 8, 9)  
}
```

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(76, 8, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 8, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 35.616, 30.387 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(76, 8, 9) }
```

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

```
.border{ border-color:rgb(76, 8, 9) }
```

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

Here you see how a box with a 4 pixel rgb(76, 8, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 8, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 8, 9); box-shadow:4px  
4px 4px 4px rgb(76, 8, 9) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 35.616, 30.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 8, 9) }
```

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

```
.background{ background-color: rgb(76, 8,  
9) }
```

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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