

Converting Colors

CIELCh(14, 29.142, 358.451)

Have a look what the booklet for
CIELCh(14, 29.142, 358.451)
contains.

| | |
|--|----|
| CIELCh(14, 29.066, 357.793) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(14, 29.066, 357.793)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 460D26 |
| RGB | 70, 13, 38 |
| RGB Percent | 27%, 5%, 15% |
| CMY | 0.7255, 0.9490, 0.8510 |
| CMYK | 0.00, 0.81, 0.46, 0.73 |
| HSL | 334°, 69%, 16% |
| HSV | 334°, 81%, 27% |
| XYZ | 3.0194, 1.7298, 2.0084 |
| YIQ | 32.8930, 25.9470, 19.8590 |

Conversions

Conversions Part 2

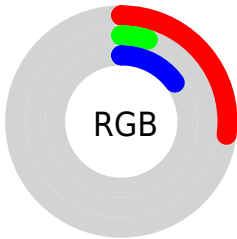
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 70, 13, 38 |
| Decimal | 4590886 |
| CIELab | 14.00, 29.04, -1.12 |
| CIElCh | 14, 29.066, 357.793 |
| Yxy | 1.7298, 0.4468, 0.2560 |
| Android (android.graphics.Color) | 4282780966 (0xFF460D26) |
| YUV | 32.8930, 2.5178, 32.5428 |
| Hunter-Lab | 13.1521, 17.9632, 0.1527 |

Details

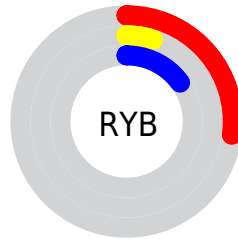
The CIELCh color **14, 29.066, 357.793** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26, 26.839, 158.078**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 28.855, 357.379**, and **0, 2.218, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 31.272, 0.365**, and if you desaturate by 10%, it is **15, 26.386, 355.576**.

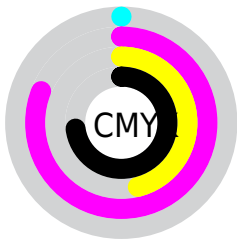
Distribution



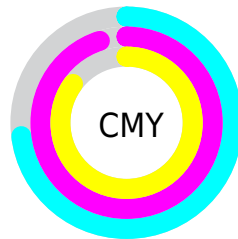
- Red (27%)
- Green (5%)
- Blue (15%)



- Red (27%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (46%)
- Black (73%)





- Cyan (73%)
- Magenta (95%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 29.066, 357.793 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, 29.066, 357.793 by changing the saturation by 10% instead.

 14, 29.066,
357.793

 14, 29.066,
357.793

 100, 29.066,
357.793


 4, 29.066, 357.793


 34, 29.066,
357.793

 0, 29.066, 357.793

 44, 29.066,
357.793

 54, 29.066,
357.793


 64, 29.066,
357.793

 74, 29.066,
357.793

 84, 29.066,


357.793

 94, 29.066,
357.793

 14, 29.066,
357.793


 14, 29.066,
357.793


 13, 31.272, 0.365


 15, 26.386,
355.576

 12, 33.389, 2.306

 17, 23.189,
353.758

 19, 19.631,
352.243

 21, 15.857,
350.955

 23, 11.985,
349.837

■ 25, 8.104, 348.849

■ 27, 4.272, 347.951

■ 29, 0.528, 346.825

■ 32, 3.108, 166.554

Harmonies

Complementary

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



14, 29.066, 357.793



26, 26.839, 158.078

Rectangle

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



14, 29.066, 357.793



14, 29.066, 47.793



14, 29.066, 177.793



14, 29.066, 227.793

Sweetspot

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



14, 29.064, 357.794



32, 11.407, 349.189



11, 40.305, 313.867



14, 7.733, 349.353



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



14, 29.064, 357.794



18, 39.586, 3.712



14, 30.057, 31.659



13, 2.111, 347.706



19, 42.345, 4.815



49, 77.361, 8.645

Inverse Universe

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



14, 29.064, 357.794



18, 39.586, 3.712



25, 17.095, 203.139



13, 2.111, 347.706



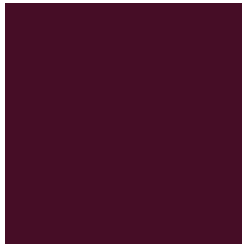
19, 42.345, 4.815



49, 77.361, 8.645

Previews

White Background



This preview shows how the CIELCh color 14, 29.066, 357.793 looks on a white background.

Color Contrast Check

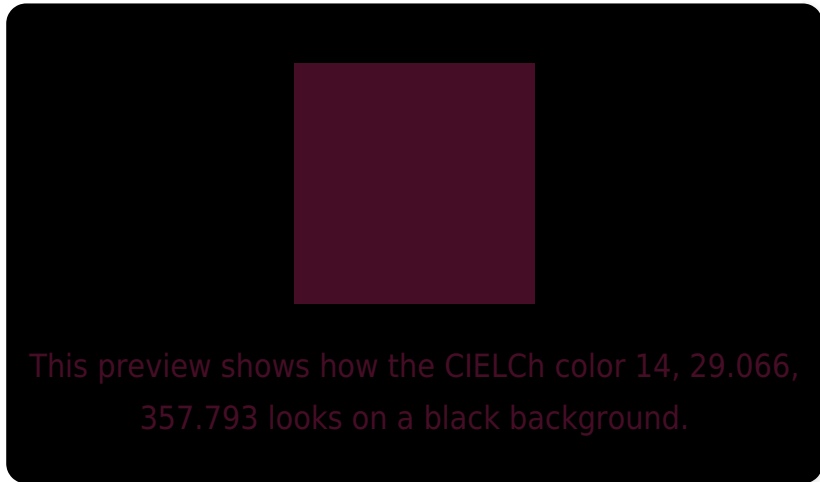
Large Text (above 18pt) WCAG AA ✓ Pass

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

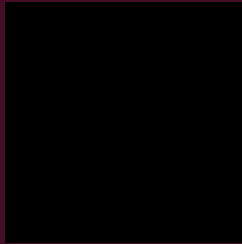
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 29.066, 357.793

Background



This preview shows how black text looks on a background with the CIELCh color 14, 29.066, 357.793.



This preview shows how white text looks on a background with the CIELCh color 14, 29.066, 357.793.

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, 29.066, 357.793

Protanopia

15, 10.685, 284.161

Deuteranopia

15, 3.103, 33.146



Tritanopia
14, 27.305, 28.449

Trichromacy



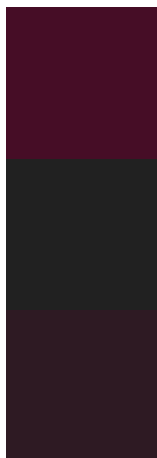
Original Color
14, 29.066, 357.793

Protanomaly
13, 15.766, 324.704

Deuteranomaly
14, 13.150, 358.243

Tritanomaly
14, 26.750, 16.909

Monochromacy



Original Color
14, 29.066, 357.793

Achromatopsia
13, 0.003, 296.813

Achromatomaly
12, 11.766, 350.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 29.066, 357.793 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(70, 13, 38)` looks like.

```
.text, #text, p{  
    color:rgb(70, 13, 38)  
}
```

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(70, 13, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 13, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 29.066, 357.793 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(70, 13, 38) }
```

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

```
.border{ border-color:rgb(70, 13, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 13, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 13, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 13, 38);  
box-shadow:4px 4px 4px 4px rgb(70, 13, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 29.066, 357.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 13, 38) }
```

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

```
.background{ background-color: rgb(70, 13,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor