

Converting Colors

CIELCh(8, 61.892, 334.069)

Have a look what the booklet for
CIELCh(8, 61.892, 334.069) contains.

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Color

CIELCh(14, 41.647, 334.008)

Conversions

Conversions Part 1

Format	Color
Hex	48013E
RGB	72, 1, 62
RGB Percent	28%, 0%, 24%
CMY	0.7185, 0.9971, 0.7580
CMYK	0.00, 0.99, 0.14, 0.72
HSL	309°, 98%, 14%
HSV	309°, 99%, 28%
XYZ	3.5252, 1.7298, 4.6635
YIQ	29.1830, 22.7350, 34.0230

Conversions

Conversions Part 2

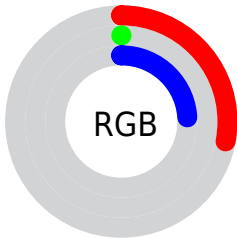
Format	Color
R_{YB}	72, 1, 62
Decimal	4718910
CIE _{Lab}	14.00, 37.43, -18.25
CIE _{LCh}	14, 41.647, 334.008
Yxy	1.7298, 0.3554, 0.1744
Android (android.graphics.Color)	4282908990 (0xFF48013E)
YUV	29.1830, 16.1788, 37.5505
Hunter-Lab	13.1521, 24.8281, -11.8168

Details

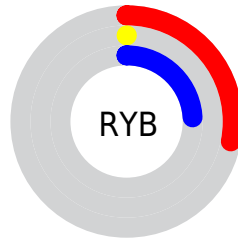
The CIELCh color **14, 41.647, 334.008** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 44.210, 139.247**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 41.465, 333.720**, and **2, 10.063, 326.412** is the 20% darker color. If you saturate the color by 10%, you get **14, 41.917, 334.061**, and if you desaturate by 10%, it is **15, 39.176, 333.476**.

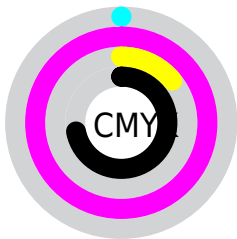
Distribution



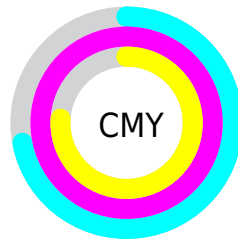
- Red (28%)
- Green (0%)
- Blue (24%)



- Red (28%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (72%)




- Cyan (72%)
- Magenta (100%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 41.647, 334.008 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, 41.647, 334.008 by changing the saturation by 10% instead.

 14, 41.647,
334.008

 14, 41.647,
334.008

 100, 41.647,
334.008


 4, 41.647, 334.008

 34, 41.647,
334.008

 0, 41.647, 334.008

 44, 41.647,
334.008

 54, 41.647,
334.008


 64, 41.647,
334.008


 74, 41.647,
334.008


 84, 41.647,


334.008


 94, 41.647,
334.008


 14, 41.647,
334.008


 14, 41.647,
334.008


 14, 41.917,
334.061

 15, 39.176,
333.476

 16, 36.651,
332.915

 17, 33.329,
332.359

 19, 29.319,
331.802

 20, 24.797,
331.244

■ 22, 19.934,
330.685

■ 24, 14.873,
330.127

■ 26, 9.725, 329.573

■ 28, 4.574, 329.017

Harmonies

Complementary

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



14, 41.647, 334.008



26, 44.210, 139.247

Rectangle

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



14, 41.647, 334.008



14, 41.647, 24.008



14, 41.647, 154.008



14, 41.647, 204.008

Sweetspot

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



14, 41.646, 334.008



32, 19.321, 330.253



5, 49.999, 305.815



14, 13.285, 330.373



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, 41.646, 334.008



20, 50.326, 334.334



12, 33.572, 8.501



13, 2.832, 328.996



21, 52.176, 334.381



52, 94.576, 334.915

Inverse Universe

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



14, 41.646, 334.008



20, 50.326, 334.334



26, 29.173, 159.694



13, 2.832, 328.996



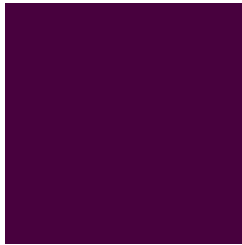
21, 52.176, 334.381



52, 94.576, 334.915

Previews

White Background



This preview shows how the CIELCh color 14, 41.647, 334.008 looks on a white background.

Color Contrast Check

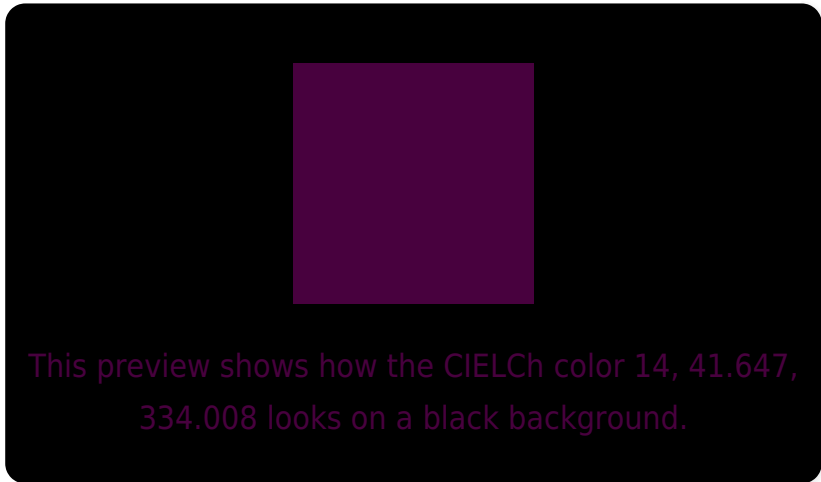
Large Text (above 18pt) WCAG AA ✓ Pass

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

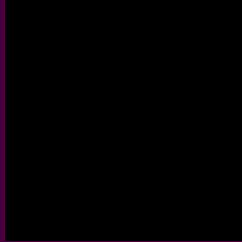
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 41.647, 334.008

Background



This preview shows how black text looks on a background with the CIELCh color 14, 41.647, 334.008.



This preview shows how white text looks on a background with the CIELCh color 14, 41.647, 334.008.

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, 41.668, 333.952

Protanopia

15, 31.234, 283.373

Deuteranopia

16, 12.853, 279.414



Tritanopia
15, 23.909, 23.801

Trichromacy



Original Color
14, 41.668, 333.952

Protanomaly
12, 36.524, 300.617

Deuteranomaly
13, 24.691, 314.815

Tritanomaly
15, 27.882, 357.726

Monochromacy



Original Color
14, 41.668, 333.952

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 19.499, 331.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 41.647, 334.008 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, 1, 62)` looks like.

```
.text, #text, p{  
    color:rgb(72, 1, 62)  
}
```

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, 1, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 1, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 41.647, 334.008 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, 1, 62) }
```

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

```
.border{ border-color:rgb(72, 1, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 1, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 1, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 1, 62); box-shadow:4px  
4px 4px 4px rgb(72, 1, 62) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 41.647, 334.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 1, 62) }
```

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

```
.background{ background-color: rgb(72, 1,  
62) }
```

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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