

Converting Colors

CIELCh(14, 40.604, 337.885)

Have a look what the booklet for
CIELCh(14, 40.604, 337.885)
contains.

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Color

CIELCh(14, 40.621, 337.887)

Conversions

Conversions Part 1

Format	Color
Hex	4A003A
RGB	74, 0, 58
RGB Percent	29%, 0%, 23%
CMY	0.7116, 1.0000, 0.7741
CMYK	0.00, 1.00, 0.22, 0.71
HSL	313°, 100%, 14%
HSV	313°, 100%, 29%
XYZ	3.5378, 1.7298, 4.0963
YIQ	28.7380, 25.4860, 33.7260

Conversions

Conversions Part 2

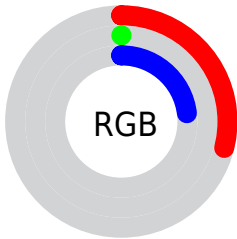
Format	Color
R_{YB}	74, 0, 58
Decimal	4849722
CIE _{Lab}	14.00, 37.63, -15.29
CIE _{LCh}	14, 40.621, 337.887
Yxy	1.7298, 0.3778, 0.1847
Android (android.graphics.Color)	4283039802 (0xFF4A003A)
YUV	28.7380, 14.4262, 39.6948
Hunter-Lab	13.1521, 24.9991, -9.2598

Details

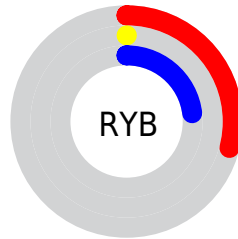
The CIELCh color **14, 40.621, 337.887** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 43.436, 140.917**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 40.699, 338.259**, and **2, 9.131, 343.559** is the 20% darker color. If you saturate the color by 10%, you get **14, 40.440, 337.913**, and if you desaturate by 10%, it is **15, 38.112, 337.137**.

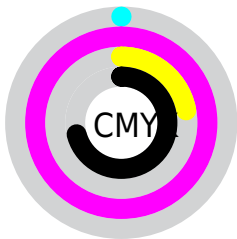
Distribution



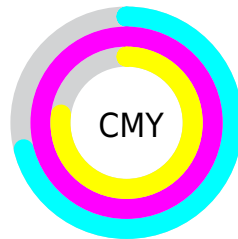
- Red (29%)
- Green (0%)
- Blue (23%)



- Red (29%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (71%)




- Cyan (71%)
- Magenta (100%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 40.621, 337.887 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, 40.621, 337.887 by changing the saturation by 10% instead.

 14, 40.621,
337.887

 14, 40.621,
337.887

 100, 40.621,
337.887

 4, 40.621, 337.887

 34, 40.621,
337.887

 0, 40.621, 337.887

 44, 40.621,
337.887

 54, 40.621,
337.887


 64, 40.621,
337.887


 74, 40.621,
337.887


 84, 40.621,


337.887


 94, 40.621,
337.887


 14, 40.621,
337.887


 14, 40.621,
337.887


 14, 40.440,
337.913

 15, 38.112,
337.137

 16, 35.795,
336.312

 17, 32.685,
335.548

 19, 28.865,
334.833

 21, 24.519,
334.153

■ 22, 19.823,
333.501

■ 25, 14.923,
332.870

■ 27, 9.935, 332.259

■ 29, 4.943, 331.659

Harmonies

Complementary

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



14, 40.621, 337.887



26, 43.436, 140.917

Rectangle

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



14, 40.621, 337.887



14, 40.621, 27.887



14, 40.621, 157.887



14, 40.621, 207.887

Sweetspot

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



14, 40.440, 337.913



32, 18.343, 332.938



5, 51.589, 307.333



14, 12.614, 333.072



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, 40.440, 337.913



20, 47.704, 338.350



13, 34.948, 16.105



13, 2.685, 331.571



21, 49.442, 338.433



51, 89.309, 339.386

Inverse Universe

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



14, 40.440, 337.913



20, 47.704, 338.350



27, 27.215, 165.542



13, 2.685, 331.571



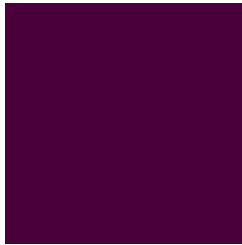
21, 49.442, 338.433



51, 89.309, 339.386

Previews

White Background



This preview shows how the CIELCh color 14, 40.621, 337.887 looks on a white background.

Color Contrast Check

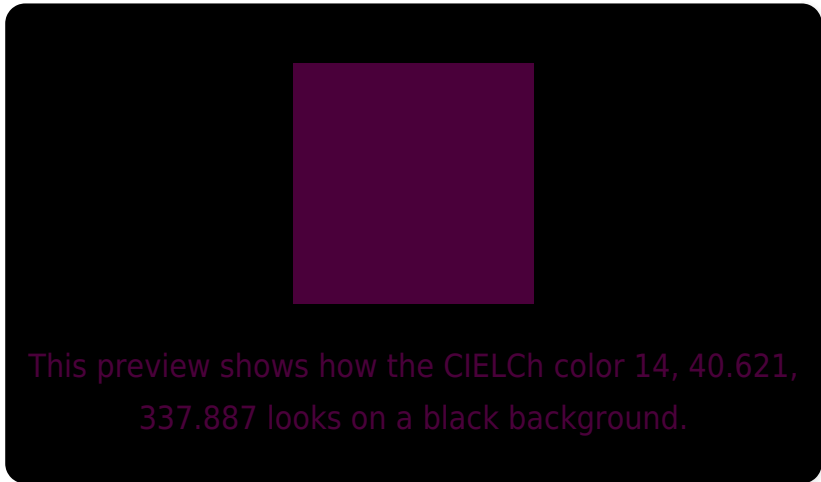
Large Text (above 18pt) WCAG AA ✓ Pass

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

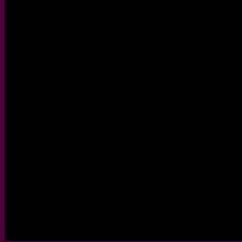
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 40.621, 337.887

Background



This preview shows how black text looks on a background with the CIELCh color 14, 40.621, 337.887.



This preview shows how white text looks on a background with the CIELCh color 14, 40.621, 337.887.

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, 40.621, 337.887

Protanopia

16, 30.329, 284.178

Deuteranopia

16, 9.885, 283.032



Tritanopia
16, 25.723, 26.119

Trichromacy



Original Color
14, 40.621, 337.887

Protanomaly
13, 34.320, 302.546

Deuteranomaly
14, 23.463, 321.827

Tritanomaly
15, 28.676, 2.731

Monochromacy



Original Color
14, 40.621, 337.887

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 19.269, 334.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 40.621, 337.887 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, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 58)  
}
```

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, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 40.621, 337.887 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, 0, 58) }
```

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

```
.border{ border-color:rgb(74, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 0, 58); box-shadow:4px  
4px 4px 4px rgb(74, 0, 58) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 40.621, 337.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 0, 58) }
```

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

```
.background{ background-color: rgb(74, 0,  
58) }
```

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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