

Converting Colors

CIELCh(14, 40.064, 338.998)

Have a look what the booklet for
CIELCh(14, 40.064, 338.998)
contains.

CIELCh(14, 39.896, 339.400)	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, 39.896, 339.400)

Conversions

Conversions Part 1

Format	Color
Hex	4A0038
RGB	74, 0, 56
RGB Percent	29%, 0%, 22%
CMY	0.7105, 1.0000, 0.7810
CMYK	0.00, 1.00, 0.24, 0.71
HSL	315°, 100%, 14%
HSV	315°, 100%, 29%
XYZ	3.5195, 1.7298, 3.8706
YIQ	28.5100, 26.1280, 33.1040

Conversions

Conversions Part 2

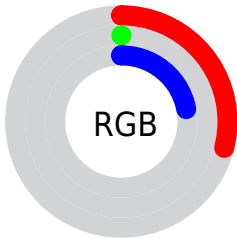
Format	Color
R_{YB}	74, 0, 56
Decimal	4849720
CIE _{Lab}	14.00, 37.35, -14.04
CIE _{LCh}	14, 39.896, 339.400
Yxy	1.7298, 0.3859, 0.1897
Android (android.graphics.Color)	4283039800 (0xFF4A0038)
YUV	28.5100, 13.5526, 39.8947
Hunter-Lab	13.1521, 24.7510, -8.2424

Details

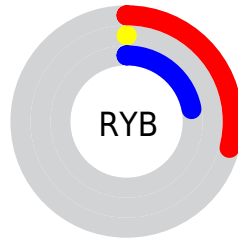
The CIELCh color **14, 39.896, 339.400** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 42.825, 141.645**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 39.982, 339.603**, and **2, 8.413, 350.764** is the 20% darker color. If you saturate the color by 10%, you get **14, 39.830, 339.412**, and if you desaturate by 10%, it is **15, 37.548, 338.534**.

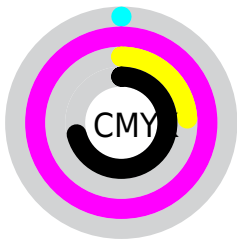
Distribution



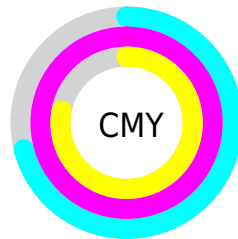
- Red (29%)
- Green (0%)
- Blue (22%)



- Red (29%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (71%)





- Cyan (71%)
- Magenta (100%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 39.896, 339.400 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, 39.896, 339.400 by changing the saturation by 10% instead.

 14, 39.896,
339.400

 14, 39.896,
339.400

 100, 39.896,
339.400

 4, 39.896, 339.400

 34, 39.896,
339.400

 0, 39.896, 339.400

 44, 39.896,
339.400

 54, 39.896,
339.400

 64, 39.896,
339.400

 74, 39.896,
339.400


 84, 39.896,


339.400


 94, 39.896,
339.400


 14, 39.896,
339.400


 14, 39.896,
339.400


 14, 39.830,
339.412

 15, 37.548,
338.534

 16, 35.277,
337.602

 17, 32.216,
336.753

 19, 28.449,
335.974

 21, 24.161,
335.246

■ 23, 19.528,
334.555

■ 25, 14.697,
333.896

■ 27, 9.783, 333.262

■ 29, 4.866, 332.644

Harmonies

Complementary

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



14, 39.896, 339.400



27, 42.825, 141.645

Rectangle

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



14, 39.896, 339.400



14, 39.896, 29.400



14, 39.896, 159.400



14, 39.896, 209.400

Sweetspot

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



14, 39.830, 339.412



33, 18.409, 333.973



6, 51.754, 307.634



14, 12.384, 334.105



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, 39.830, 339.412



20, 47.695, 339.969



13, 35.201, 17.419



13, 2.634, 332.553



21, 48.544, 340.017



51, 87.601, 341.143

Inverse Universe

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



14, 39.830, 339.412



20, 47.695, 339.969



27, 26.770, 166.884



13, 2.634, 332.553



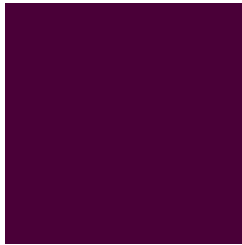
21, 48.544, 340.017



51, 87.601, 341.143

Previews

White Background



This preview shows how the CIELCh color 14, 39.896, 339.400 looks on a white background.

Color Contrast Check

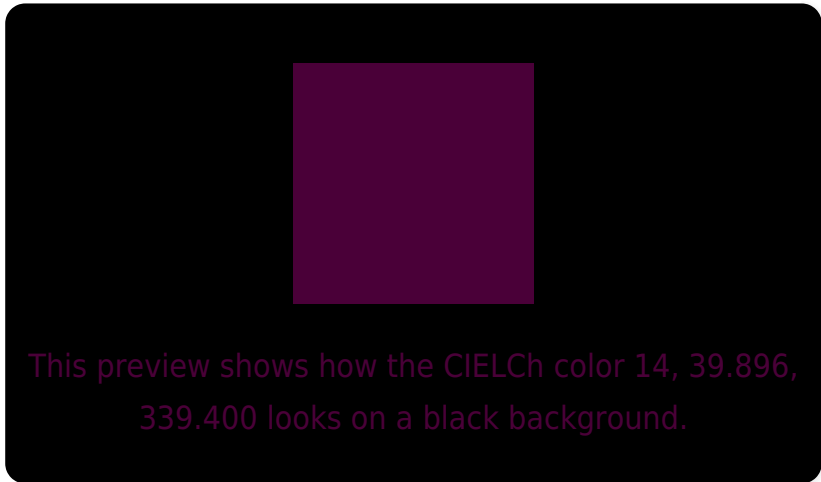
Large Text (above 18pt) WCAG AA ✓ Pass

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

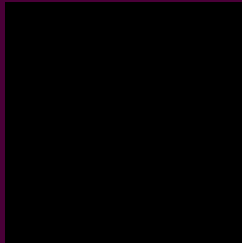
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 39.896, 339.400

Background



This preview shows how black text looks on a background with the CIELCh color 14, 39.896, 339.400.



This preview shows how white text looks on a background with the CIELCh color 14, 39.896, 339.400.

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, 39.896, 339.400

Protanopia

16, 28.231, 284.053

Deuteranopia

16, 9.142, 287.240



Tritanopia
15, 26.321, 26.496

Trichromacy



Original Color
14, 39.896, 339.400

Protanomaly
13, 32.956, 304.709

Deuteranomaly
13, 22.312, 323.580

Tritanomaly
14, 29.017, 3.617

Monochromacy



Original Color
14, 39.896, 339.400

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 18.800, 336.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 39.896, 339.400 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 39.896, 339.400 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, 56) }
```

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

```
.border{ border-color:rgb(74, 0, 56) }
```

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, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 0, 56); box-shadow:4px  
4px 4px 4px rgb(74, 0, 56) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 39.896, 339.400 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, 56) }
```

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

```
.background{ background-color: rgb(74, 0,  
56) }
```

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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