

Converting Colors

CIELCh(3, 79.856, 337.420)

Have a look what the booklet for
CIELCh(3, 79.856, 337.420) contains.

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Color

CIELCh(14, 39.636, 340.806)

Conversions

Conversions Part 1

Format	Color
Hex	4A0036
RGB	74, 0, 54
RGB Percent	29%, 0%, 21%
CMY	0.7083, 1.0000, 0.7864
CMYK	0.00, 1.00, 0.27, 0.71
HSL	316°, 100%, 15%
HSV	316°, 100%, 29%
XYZ	3.5251, 1.7298, 3.6957
YIQ	28.2820, 26.7700, 32.4820

Conversions

Conversions Part 2

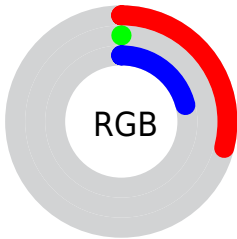
Format	Color
R_YB	74, 0, 54
Decimal	4849718
CIE Lab	14.00, 37.43, -13.03
CIE LCh	14, 39.636, 340.806
Yxy	1.7298, 0.3938, 0.1933
Android (android.graphics.Color)	4283039798 (0xFF4A0036)
YUV	28.2820, 12.6790, 40.0947
Hunter-Lab	13.1521, 24.8264, -7.4537

Details

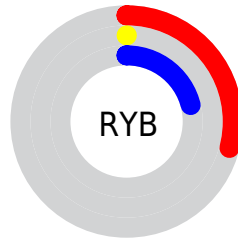
The CIELCh color **14, 39.636, 340.806** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 42.364, 142.343**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 39.290, 341.005**, and **2, 7.749, 1.212** is the 20% darker color. If you saturate the color by 10%, you get **14, 39.398, 340.859**, and if you desaturate by 10%, it is **15, 37.159, 339.877**.

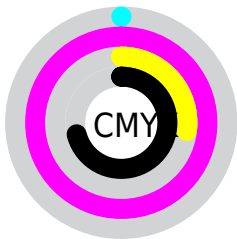
Distribution



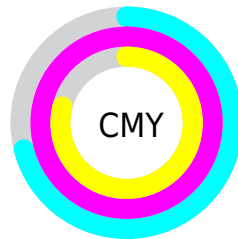
- Red (29%)
- Green (0%)
- Blue (21%)



- Red (29%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (71%)





- Cyan (71%)
- Magenta (100%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 39.636, 340.806 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, 39.636, 340.806 by changing the saturation by 10% instead.

 14, 39.636,
340.806

 14, 39.636,
340.806

 100, 39.636,
340.806


 4, 39.636, 340.806


 34, 39.636,
340.806

 0, 39.636, 340.806

 44, 39.636,
340.806

 54, 39.636,
340.806


 64, 39.636,
340.806


 74, 39.636,
340.806


 84, 39.636,


340.806


 94, 39.636,
340.806


 14, 39.636,
340.806


 14, 39.636,
340.806


 14, 39.398,
340.859

 15, 37.159,
339.877

 16, 34.928,
338.837

 17, 31.901,
337.905

 19, 28.169,
337.063

 21, 23.920,
336.286

■ 23, 19.329,
335.559

■ 25, 14.543,
334.871

■ 27, 9.677, 334.215

■ 29, 4.812, 333.578

Harmonies

Complementary

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



14, 39.636, 340.806



27, 42.364, 142.343

Rectangle

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



14, 39.636, 340.806



14, 39.636, 30.806



14, 39.636, 160.806



14, 39.636, 210.806

Sweetspot

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



14, 39.398, 340.859



33, 18.102, 334.948



6, 52.050, 308.252



14, 12.178, 335.086



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, 39.398, 340.859



20, 46.928, 341.479



13, 35.737, 19.854



14, 2.746, 333.495



21, 48.592, 341.587



51, 86.842, 342.844

Inverse Universe

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



14, 39.398, 340.859



20, 46.928, 341.479



27, 25.895, 169.724



14, 2.746, 333.495



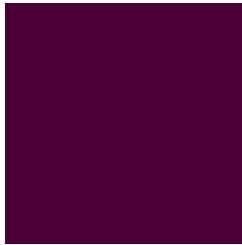
21, 48.592, 341.587



51, 86.842, 342.844

Previews

White Background



This preview shows how the CIE LCh color 14, 39.636, 340.806 looks on a white background.

Color Contrast Check

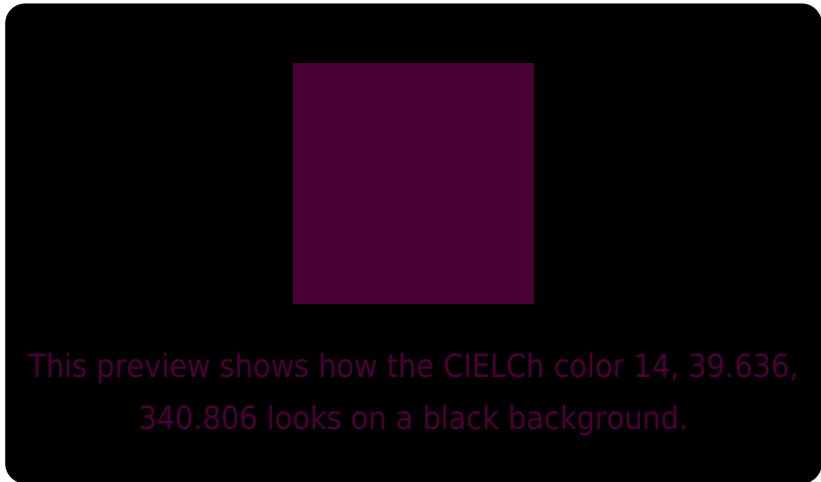
Large Text (above 18pt) WCAG AA ✓ Pass

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

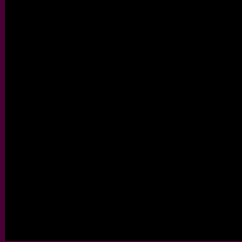
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 39.636, 340.806

Background



This preview shows how black text looks on a background with the CIELCh color 14, 39.636, 340.806.



This preview shows how white text looks on a background with the CIELCh color 14, 39.636, 340.806.

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, 39.204, 340.988

Protanopia

16, 27.455, 284.925

Deuteranopia

16, 8.423, 289.459



Tritanopia
15, 27.185, 25.695

Trichromacy



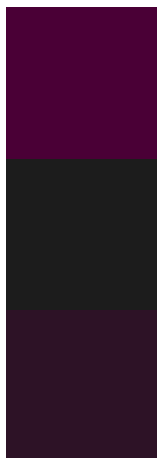
Original Color
14, 39.204, 340.988

Protanomaly
13, 31.643, 306.705

Deuteranomaly
14, 21.911, 325.649

Tritanomaly
15, 29.721, 5.112

Monochromacy



Original Color
14, 39.204, 340.988

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, 39.636, 340.806 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 39.636, 340.806 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, 54) }
```

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

```
.border{ border-color:rgb(74, 0, 54) }
```

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, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 0, 54); box-shadow:4px  
4px 4px 4px rgb(74, 0, 54) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 39.636, 340.806 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, 54) }
```

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

```
.background{ background-color: rgb(74, 0,  
54) }
```

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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