

Converting Colors

CIELCh(14, 42.943, 329.264)

Have a look what the booklet for
CIELCh(14, 42.943, 329.264)
contains.

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Color

CIELCh(14, 42.939, 329.220)

Conversions

Conversions Part 1

Format	Color
Hex	450343
RGB	69, 3, 67
RGB Percent	27%, 1%, 26%
CMY	0.7297, 0.9886, 0.7376
CMYK	0.00, 0.96, 0.03, 0.73
HSL	302°, 92%, 14%
HSV	302°, 96%, 27%
XYZ	3.4908, 1.7298, 5.4480
YIQ	30.0300, 18.7920, 33.8960

Conversions

Conversions Part 2

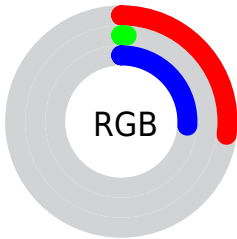
Format	Color
R _Y B	69, 3, 67
Decimal	4522819
CIE _{Lab}	14.00, 36.89, -21.97
CIE _{LCh}	14, 42.939, 329.220
Y _{xy}	1.7298, 0.3272, 0.1621
Android (android.graphics.Color)	4282712899 (0xFF450343)
Y _{UV}	30.0300, 18.2262, 34.1767
Hunter-Lab	13.1521, 24.3613, -15.3531

Details

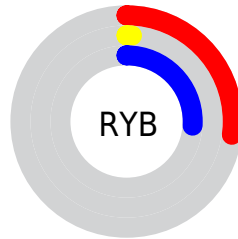
The CIELCh color **14, 42.939, 329.220** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 44.450, 137.244**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 42.504, 329.492**, and **1, 12.246, 311.050** is the 20% darker color. If you saturate the color by 10%, you get **14, 44.140, 329.335**, and if you desaturate by 10%, it is **15, 40.249, 328.951**.

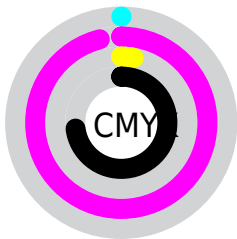
Distribution



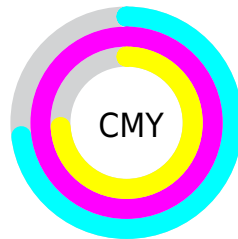
- Red (27%)
- Green (1%)
- Blue (26%)



- Red (27%)
- Yellow (1%)
- Blue (26%)



- Cyan (0%)
- Magenta (96%)
- Yellow (3%)
- Black (73%)





- Cyan (73%)
- Magenta (99%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 42.939, 329.220 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, 42.939, 329.220 by changing the saturation by 10% instead.

 14, 42.939,
329.220

 14, 42.939,
329.220


 100, 42.939,
329.220


 4, 42.939, 329.220


 34, 42.939,
329.220

 0, 42.939, 329.220

 44, 42.939,
329.220


 54, 42.939,
329.220


 64, 42.939,
329.220


 74, 42.939,
329.220


 84, 42.939,


329.220


 94, 42.939,
329.220


 14, 42.939,
329.220


 14, 42.939,
329.220

 14, 44.140,
329.335

 15, 40.249,
328.951

 16, 37.263,
328.655

 17, 33.499,
328.304

 18, 29.110,
327.905

 20, 24.266,
327.467

■ 22, 19.121,
327.001

■ 24, 13.810,
326.515

■ 26, 8.434, 326.017

■ 28, 3.070, 325.499

Harmonies

Complementary

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



14, 42.939, 329.220



25, 44.450, 137.244

Rectangle

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



14, 42.939, 329.220



14, 42.939, 19.220



14, 42.939, 149.220



14, 42.939, 199.220

Sweetspot

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



14, 42.938, 329.220



31, 19.255, 326.730



5, 46.725, 303.479



14, 13.318, 326.832



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, 42.938, 329.220



19, 52.558, 329.380



12, 32.289, 357.609



13, 3.059, 325.654



22, 56.654, 329.397



53, 103.315, 329.487

Inverse Universe

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



14, 42.938, 329.220



19, 52.558, 329.380



25, 31.233, 153.392



13, 3.059, 325.654



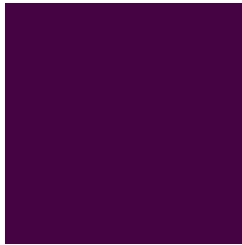
22, 56.654, 329.397



53, 103.315, 329.487

Previews

White Background



This preview shows how the CIELCh color 14, 42.939, 329.220 looks on a white background.

Color Contrast Check

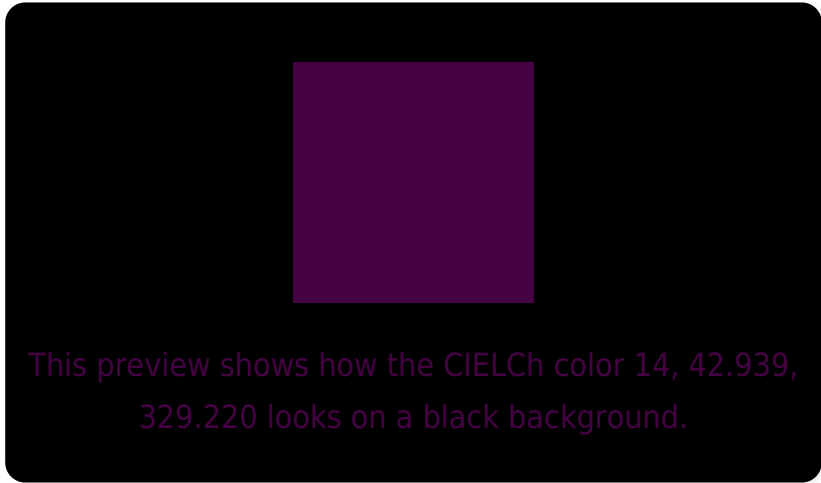
Large Text (above 18pt) WCAG AA ✓ Pass

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

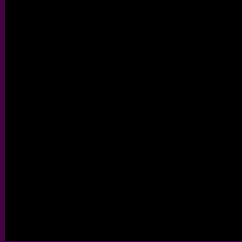
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 42.939, 329.220

Background



This preview shows how black text looks on a background with the CIELCh color 14, 42.939, 329.220.



This preview shows how white text looks on a background with the CIELCh color 14, 42.939, 329.220.

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, 42.939, 329.220

Protanopia

15, 29.953, 282.097

Deuteranopia

16, 17.224, 279.238



Tritanopia
15, 20.674, 22.021

Trichromacy



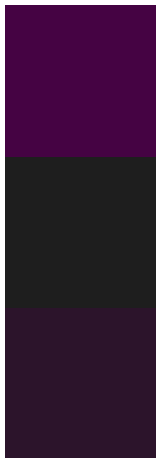
Original Color
14, 42.939, 329.220

Protanomaly
12, 35.788, 299.591

Deuteranomaly
13, 27.671, 309.324

Tritanomaly
14, 26.179, 351.432

Monochromacy



Original Color
14, 42.939, 329.220

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 19.577, 327.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 42.939, 329.220 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(69, 3, 67)` looks like.

```
.text, #text, p{  
    color:rgb(69, 3, 67)  
}
```

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(69, 3, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 3, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 42.939, 329.220 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(69, 3, 67) }
```

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

```
.border{ border-color:rgb(69, 3, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 3, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 3, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 3, 67); box-shadow:4px  
4px 4px 4px rgb(69, 3, 67) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 42.939, 329.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 3, 67) }
```

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

```
.background{ background-color: rgb(69, 3,  
67) }
```

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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