

Converting Colors

CIELCh(14, 45.359, 327.154)

Have a look what the booklet for
CIELCh(14, 45.359, 327.154)
contains.

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Color

CIELCh(14, 45.618, 327.195)

Conversions

Conversions Part 1

Format	Color
Hex	450147
RGB	69, 1, 71
RGB Percent	27%, 0%, 28%
CMY	0.7301, 0.9967, 0.7222
CMYK	0.03, 0.99, 0.00, 0.72
HSL	298°, 98%, 14%
HSV	298°, 99%, 28%
XYZ	3.5831, 1.7298, 6.0788
YIQ	29.3120, 18.0580, 36.1860

Conversions

Conversions Part 2

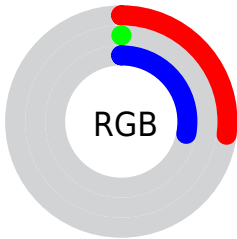
Format	Color
R_{YB}	69, 1, 71
Decimal	4522311
CIE _{Lab}	14.00, 38.34, -24.71
CIE _{LCh}	14, 45.618, 327.195
Yxy	1.7298, 0.3145, 0.1518
Android (android.graphics.Color)	4282712391 (0xFF450147)
YUV	29.3120, 20.5522, 34.8064
Hunter-Lab	13.1521, 25.6141, -18.1969

Details

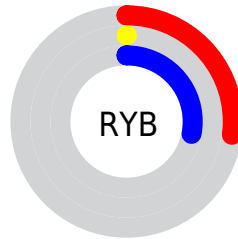
The CIELCh color **14, 45.618, 327.195** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 46.803, 135.984**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 45.384, 327.113**, and **2, 15.344, 308.192** is the 20% darker color. If you saturate the color by 10%, you get **14, 45.970, 327.217**, and if you desaturate by 10%, it is **15, 42.742, 327.022**.

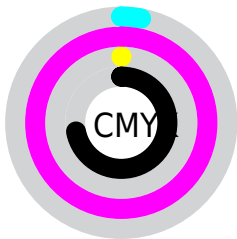
Distribution



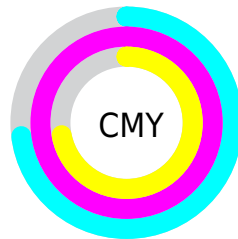
- Red (27%)
- Green (0%)
- Blue (28%)



- Red (27%)
- Yellow (0%)
- Blue (28%)



- Cyan (3%)
- Magenta (99%)
- Yellow (0%)
- Black (72%)





- Cyan (73%)
- Magenta (100%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 45.618, 327.195 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, 45.618, 327.195 by changing the saturation by 10% instead.

 14, 45.618,
327.195


 14, 45.618,
327.195


 100, 45.618,
327.195


 4, 45.618, 327.195


 34, 45.618,
327.195

 0, 45.618, 327.195

 44, 45.618,
327.195


 54, 45.618,
327.195


 64, 45.618,
327.195


 74, 45.618,
327.195


 84, 45.618,


327.195


 94, 45.618,
327.195


 14, 45.618,
327.195


 14, 45.618,
327.195


 14, 45.970,
327.217

 15, 42.742,
327.022

 16, 39.808,
326.846

 17, 36.084,
326.593

 18, 31.672,
326.270

 20, 26.745,
325.891

■ 22, 21.473,
325.469

■ 24, 15.998,
325.019

■ 26, 10.435,
324.550

■ 28, 4.870, 324.066

Harmonies

Complementary

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



14, 45.618, 327.195



25, 46.803, 135.984

Rectangle

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



14, 45.618, 327.195



14, 45.618, 17.195



14, 45.618, 147.195



14, 45.618, 197.195

Sweetspot

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



14, 45.617, 327.195



31, 20.639, 325.127



5, 47.981, 303.084



14, 13.869, 325.211



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, 45.617, 327.195



20, 54.853, 327.177



13, 34.159, 354.360



13, 3.095, 324.055



22, 58.004, 327.167



53, 105.965, 327.087

Inverse Universe

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



12, 35.957, 28.540



17, 45.542, 33.327



26, 34.298, 150.377



13, 1.800, 17.453



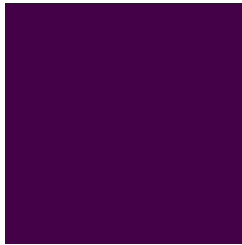
19, 48.813, 34.493



47, 94.583, 39.096

Previews

White Background



This preview shows how the CIE LCh color 14, 45.618, 327.195 looks on a white background.

Color Contrast Check

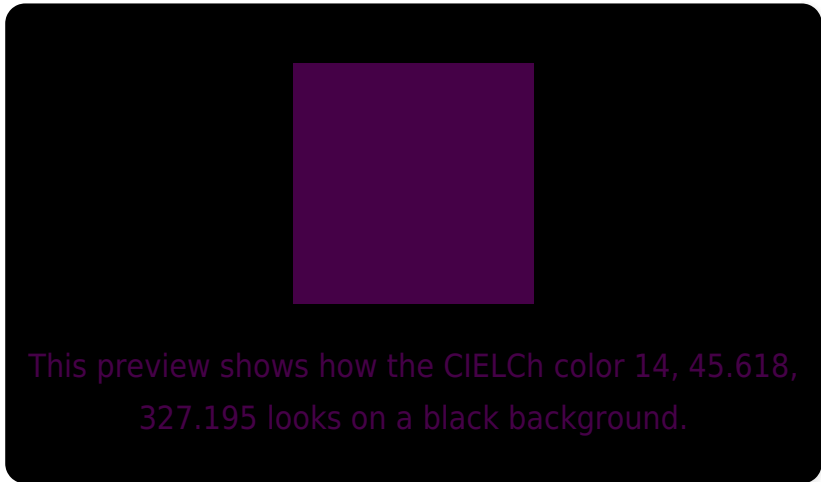
Large Text (above 18pt) WCAG AA ✓ Pass

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

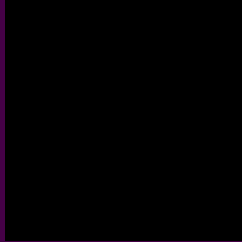
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 45.618, 327.195

Background



This preview shows how black text looks on a background with the CIELCh color 14, 45.618, 327.195.



This preview shows how white text looks on a background with the CIELCh color 14, 45.618, 327.195.

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, 45.618, 327.195

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 19.504, 276.845



Tritanopia
16, 18.967, 20.940

Trichromacy



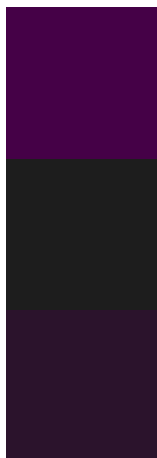
Original Color
14, 45.618, 327.195

Protanomaly
12, 37.869, 300.429

Deuteranomaly
13, 30.216, 305.632

Tritanomaly
14, 26.989, 347.389

Monochromacy



Original Color
14, 45.618, 327.195

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 20.731, 325.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 45.618, 327.195 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, 1, 71)` looks like.

```
.text, #text, p{  
    color:rgb(69, 1, 71)  
}
```

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, 1, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 1, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 45.618, 327.195 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, 1, 71) }
```

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

```
.border{ border-color:rgb(69, 1, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 1, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 1, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 1, 71); box-shadow:4px  
4px 4px 4px rgb(69, 1, 71) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 45.618, 327.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 1, 71) }
```

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

```
.background{ background-color: rgb(69, 1,  
71) }
```

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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