

Converting Colors

CIELCh(8, 66.184, 328.212)

Have a look what the booklet for
CIELCh(8, 66.184, 328.212) contains.

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Color

CIELCh(14, 46.110, 326.248)

Conversions

Conversions Part 1

Format	Color
Hex	440148
RGB	68, 1, 72
RGB Percent	27%, 0%, 28%
CMY	0.7326, 0.9955, 0.7172
CMYK	0.05, 0.98, 0.00, 0.72
HSL	297°, 97%, 14%
HSV	297°, 98%, 28%
XYZ	3.5828, 1.7298, 6.2969
YIQ	29.1270, 17.1410, 36.2850

Conversions

Conversions Part 2

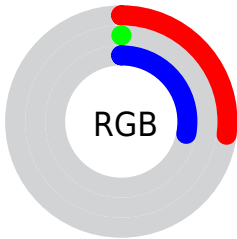
Format	Color
R _Y B	68, 1, 72
Decimal	4456776
CIE Lab	14.00, 38.34, -25.62
CIE LCh	14, 46.110, 326.248
Yxy	1.7298, 0.3086, 0.1490
Android (android.graphics.Color)	4282646856 (0xFF440148)
YUV	29.1270, 21.1364, 34.0916
Hunter-Lab	13.1521, 25.6101, -19.1803

Details

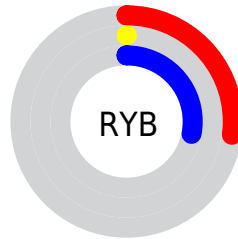
The CIELCh color **14, 46.110, 326.248** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 47.089, 135.649**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 46.336, 326.257**, and **2, 15.912, 304.907** is the 20% darker color. If you saturate the color by 10%, you get **14, 46.595, 326.273**, and if you desaturate by 10%, it is **15, 43.187, 326.114**.

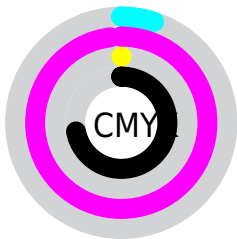
Distribution



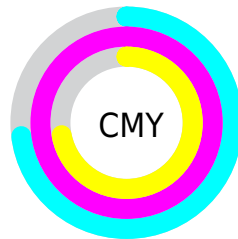
- Red (27%)
- Green (0%)
- Blue (28%)



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



- Cyan (5%)
- Magenta (98%)
- Yellow (0%)
- Black (72%)




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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 14, 46.110, 326.248 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, 46.110, 326.248 by changing the saturation by 10% instead.

 14, 46.110,
326.248

 14, 46.110,
326.248

 100, 46.110,
326.248

 4, 46.110, 326.248


 34, 46.110,
326.248

 0, 46.110, 326.248

 44, 46.110,
326.248


 54, 46.110,
326.248

 64, 46.110,
326.248


 74, 46.110,
326.248

 84, 46.110,


326.248


 94, 46.110,
326.248


 14, 46.110,
326.248


 14, 46.110,
326.248


 14, 46.595,
326.273

 15, 43.187,
326.114

 16, 40.162,
325.976

 17, 36.323,
325.750

 19, 31.803,
325.446

 20, 26.783,
325.082

■ 22, 21.432,
324.673

■ 24, 15.895,
324.235

■ 27, 10.282,
323.779

■ 29, 4.676, 323.308

Harmonies

Complementary

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



14, 46.110, 326.248



26, 47.089, 135.649

Rectangle

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



14, 46.110, 326.248



14, 46.110, 16.248



14, 46.110, 146.248



14, 46.110, 196.248

Sweetspot

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



14, 46.109, 326.248



32, 20.961, 324.359



5, 47.444, 302.628



14, 14.415, 324.454



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, 46.109, 326.248



20, 55.994, 326.195



13, 34.923, 351.812



13, 3.069, 323.316



21, 58.094, 326.182



52, 106.146, 326.031

Inverse Universe

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



12, 36.126, 27.850



18, 46.151, 32.663



26, 35.755, 148.832



13, 1.803, 15.277



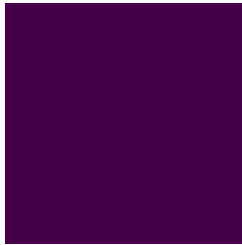
19, 48.280, 33.413



47, 93.556, 38.268

Previews

White Background



This preview shows how the CIE LCh color 14, 46.110, 326.248 looks on a white background.

Color Contrast Check

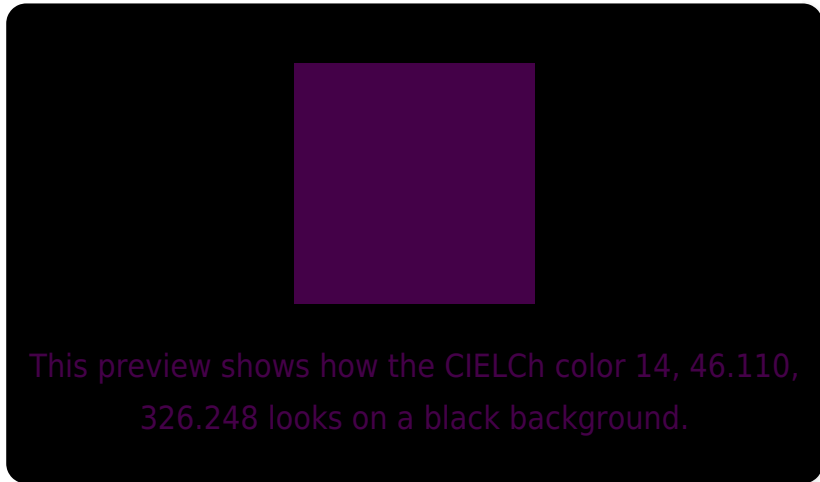
Large Text (above 18pt) WCAG AA ✓ Pass

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

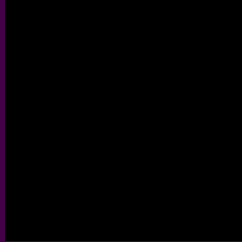
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 46.110, 326.248

Background



This preview shows how black text looks on a background with the CIELCh color 14, 46.110, 326.248.



This preview shows how white text looks on a background with the CIELCh color 14, 46.110, 326.248.

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, 46.116, 326.222

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 20.263, 276.478



Tritanopia
15, 18.449, 20.664

Trichromacy



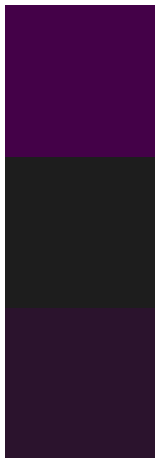
Original Color
14, 46.116, 326.222

Protanomaly
12, 37.775, 299.928

Deuteranomaly
13, 30.872, 304.880

Tritanomaly
14, 26.718, 346.563

Monochromacy



Original Color
14, 46.116, 326.222

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 21.300, 324.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 46.110, 326.248 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(68, 1, 72)` looks like.

```
.text, #text, p{  
    color:rgb(68, 1, 72)  
}
```

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(68, 1, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 1, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 46.110, 326.248 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(68, 1, 72) }
```

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

```
.border{ border-color:rgb(68, 1, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 1, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 1, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 1, 72); box-shadow:4px  
4px 4px 4px rgb(68, 1, 72) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 46.110, 326.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 1, 72) }
```

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

```
.background{ background-color: rgb(68, 1,  
72) }
```

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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