

Converting Colors

CIELCh(14, 34.485, 343.220)

Have a look what the booklet for
CIELCh(14, 34.485, 343.220)
contains.

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Color

CIELCh(14, 34.635, 343.326)

Conversions

Conversions Part 1

Format	Color
Hex	470732
RGB	71, 7, 50
RGB Percent	28%, 3%, 20%
CMY	0.7211, 0.9720, 0.8035
CMYK	0.00, 0.90, 0.30, 0.72
HSL	320°, 82%, 15%
HSV	320°, 90%, 28%
XYZ	3.2621, 1.7298, 3.1909
YIQ	31.0380, 24.3410, 26.9410

Conversions

Conversions Part 2

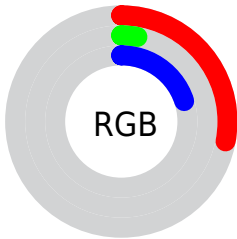
Format	Color
R_{YB}	71, 7, 50
Decimal	4654898
CIE _{Lab}	14.00, 33.18, -9.94
CIE _{LCh}	14, 34.635, 343.326
Yxy	1.7298, 0.3987, 0.2114
Android (android.graphics.Color)	4282844978 (0xFF470732)
YUV	31.0380, 9.3483, 35.0467
Hunter-Lab	13.1521, 21.2573, -5.1784

Details

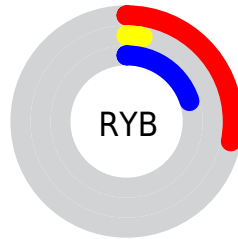
The CIELCh color **14, 34.635, 343.326** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 36.168, 145.816**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 34.251, 343.588**, and **1, 5.120, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 36.879, 344.524**, and if you desaturate by 10%, it is **15, 32.477, 342.033**.

Distribution



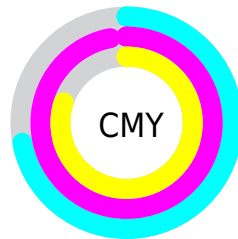
- Red (28%)
- Green (3%)
- Blue (20%)



- Red (28%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (72%)





- Cyan (72%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 34.635, 343.326 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, 34.635, 343.326 by changing the saturation by 10% instead.

 14, 34.635,
343.326

 14, 34.635,
343.326


 100, 34.635,
343.326

 4, 34.635, 343.326


 34, 34.635,
343.326

 0, 34.635, 343.326

 44, 34.635,
343.326


 54, 34.635,
343.326


 64, 34.635,
343.326


 74, 34.635,
343.326


 84, 34.635,


343.326


 94, 34.635,
343.326


 14, 34.635,
343.326


 14, 34.635,
343.326


 13, 36.879,
344.524

 15, 32.477,
342.033

 13, 36.886,
344.528

 16, 29.614,
340.896

 18, 26.109,
339.899

 20, 22.137,
339.004

 22, 17.863,
338.188

■ 24, 13.423,
337.431

■ 26, 8.920, 336.722

■ 28, 4.426, 336.043

■ 30, 0.009, 173.518

Harmonies

Complementary

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



14, 34.635, 343.326



26, 36.168, 145.816

Rectangle

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



14, 34.635, 343.326



14, 34.635, 33.326



14, 34.635, 163.326



14, 34.635, 213.326

Sweetspot

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



14, 34.633, 343.326



32, 14.942, 337.291



8, 45.370, 308.464



14, 9.923, 337.385



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, 34.633, 343.326



18, 43.581, 345.368



13, 31.978, 20.790



13, 2.479, 335.949



20, 45.993, 345.604



50, 82.850, 347.373

Inverse Universe

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



14, 34.633, 343.326



18, 43.581, 345.368



26, 22.270, 175.734



13, 2.479, 335.949



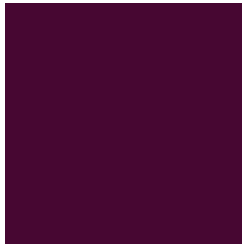
20, 45.993, 345.604



50, 82.850, 347.373

Previews

White Background



This preview shows how the CIELCh color 14, 34.635, 343.326 looks on a white background.

Color Contrast Check

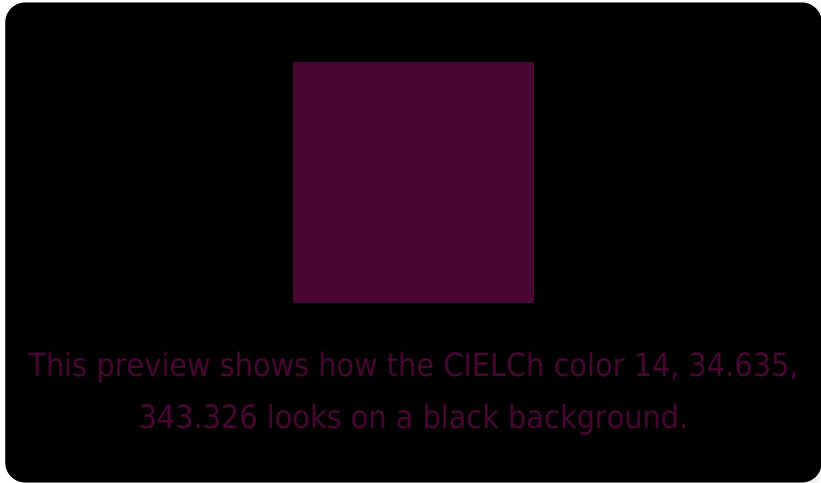
Large Text (above 18pt) WCAG AA ✓ Pass

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

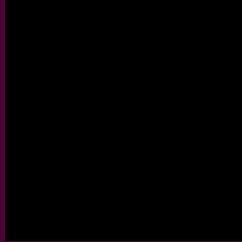
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 34.635, 343.326

Background



This preview shows how black text looks on a background with the CIELCh color 14, 34.635, 343.326.



This preview shows how white text looks on a background with the CIELCh color 14, 34.635, 343.326.

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, 34.635, 343.326

Protanopia

15, 24.097, 285.434

Deuteranopia

16, 6.344, 291.889



Tritanopia
15, 25.911, 26.522

Trichromacy



Original Color
14, 34.635, 343.326

Protanomaly
13, 26.945, 308.005

Deuteranomaly
14, 17.986, 329.083

Tritanomaly
14, 27.293, 7.768

Monochromacy



Original Color
14, 34.635, 343.326

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 16.022, 339.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 34.635, 343.326 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(71, 7, 50)` looks like.

```
.text, #text, p{  
    color:rgb(71, 7, 50)  
}
```

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(71, 7, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 7, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 34.635, 343.326 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(71, 7, 50) }
```

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

```
.border{ border-color:rgb(71, 7, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 7, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 7, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 7, 50); box-shadow:4px  
4px 4px 4px rgb(71, 7, 50) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 34.635, 343.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 7, 50) }
```

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

```
.background{ background-color: rgb(71, 7,  
50) }
```

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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