

Converting Colors

CIELCh(14, 37.064, 351.619)

Have a look what the booklet for
CIELCh(14, 37.064, 351.619)
contains.

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Color

CIELCh(14, 36.892, 352.045)

Conversions

Conversions Part 1

Format	Color
Hex	4D002C
RGB	77, 0, 44
RGB Percent	30%, 0%, 17%
CMY	0.6998, 1.0000, 0.8289
CMYK	0.00, 1.00, 0.43, 0.70
HSL	326°, 100%, 15%
HSV	326°, 100%, 30%
XYZ	3.4686, 1.7298, 2.4980
YIQ	28.0390, 31.7680, 30.0080

Conversions

Conversions Part 2

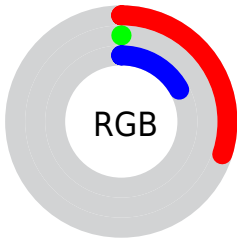
Format	Color
R_{YB}	77, 0, 44
Decimal	5046316
CIE _{Lab}	14.00, 36.54, -5.11
CIE _{LCh}	14, 36.892, 352.045
Yxy	1.7298, 0.4507, 0.2248
Android (android.graphics.Color)	4283236396 (0xFF4D002C)
YUV	28.0390, 7.8688, 42.9388
Hunter-Lab	13.1521, 24.0596, -2.0548

Details

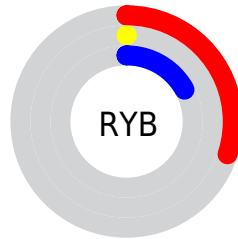
The CIELCh color **14, 36.892, 352.045** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 37.976, 148.246**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 37.022, 352.600**, and **2, 8.359, 16.640** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.732, 352.132**, and if you desaturate by 10%, it is **15, 34.591, 350.307**.

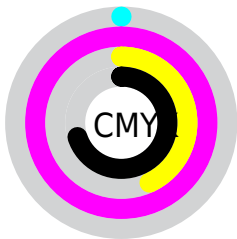
Distribution



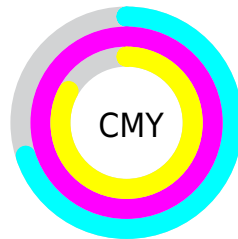
- Red (30%)
- Green (0%)
- Blue (17%)



- Red (30%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 36.892, 352.045 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, 36.892, 352.045 by changing the saturation by 10% instead.

 14, 36.892,
352.045

 14, 36.892,
352.045

 100, 36.892,
352.045

 4, 36.892, 352.045


 34, 36.892,
352.045

 0, 36.892, 352.045

 44, 36.892,
352.045


 54, 36.892,
352.045


 64, 36.892,
352.045


 74, 36.892,
352.045


 84, 36.892,


352.045


 94, 36.892,
352.045


 14, 36.892,
352.045

 14, 36.892,
352.045


 14, 36.732,
352.132

 15, 34.591,
350.307

 16, 32.482,
348.392

 18, 29.610,
346.786

 19, 26.082,
345.435

 21, 22.085,
344.273

■ 23, 17.793,
343.252

■ 25, 13.348,
342.337

■ 28, 8.857, 341.504

■ 30, 4.393, 340.725

Harmonies

Complementary

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



14, 36.892, 352.045



28, 37.976, 148.246

Rectangle

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



14, 36.892, 352.045



14, 36.892, 42.045



14, 36.892, 172.045



14, 36.892, 222.045

Sweetspot

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



14, 36.732, 352.132



33, 16.579, 342.434



8, 52.542, 311.207



15, 11.408, 342.639



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14, 36.732, 352.132



20, 43.703, 353.374



13, 38.209, 27.891



14, 2.447, 340.621



21, 44.463, 353.483



50, 79.552, 356.074

Inverse Universe

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



14, 36.732, 352.132



20, 43.703, 353.374



29, 22.444, 185.449



14, 2.447, 340.621



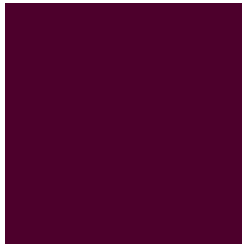
21, 44.463, 353.483



50, 79.552, 356.074

Previews

White Background



This preview shows how the CIELCh color 14, 36.892, 352.045 looks on a white background.

Color Contrast Check

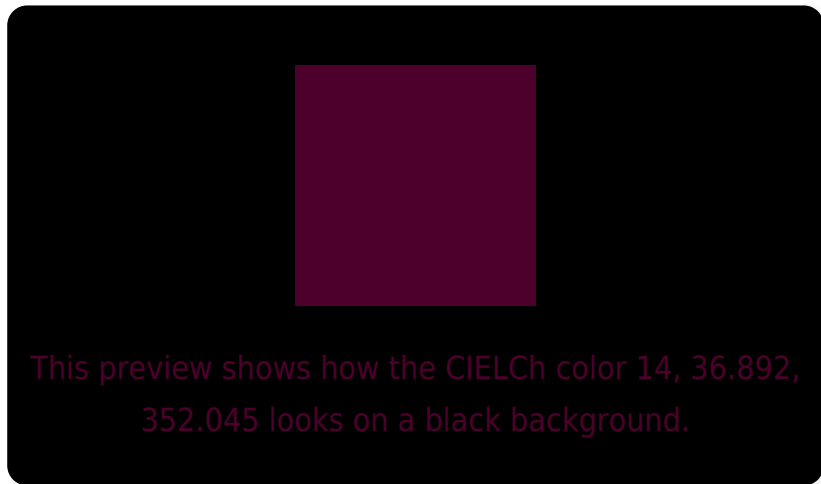
Large Text (above 18pt) WCAG AA ✓ Pass

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

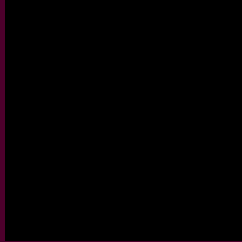
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 36.892, 352.045

Background



This preview shows how black text looks on a background with the CIELCh color 14, 36.892, 352.045.



This preview shows how white text looks on a background with the CIELCh color 14, 36.892, 352.045.

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, 36.892, 352.045

Protanopia

16, 16.896, 285.703

Deuteranopia

16, 2.542, 4.039



Tritanopia
15, 31.150, 28.862

Trichromacy



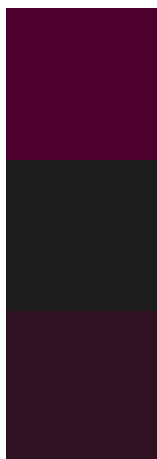
Original Color
14, 36.892, 352.045

Protanomaly
13, 23.810, 319.025

Deuteranomaly
14, 18.210, 347.637

Tritanomaly
15, 31.794, 14.900

Monochromacy



Original Color
14, 36.892, 352.045

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 17.432, 344.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 36.892, 352.045 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(77, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 44)  
}
```

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(77, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 36.892, 352.045 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(77, 0, 44) }
```

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

```
.border{ border-color:rgb(77, 0, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 44); box-shadow:4px  
4px 4px 4px rgb(77, 0, 44) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 36.892, 352.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 44) }
```

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

```
.background{ background-color: rgb(77, 0,  
44) }
```

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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