

Converting Colors

CIELCh(14, 36.891, 351.266)

Have a look what the booklet for
CIELCh(14, 36.891, 351.266)
contains.

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Color

CIELCh(14, 36.700, 351.401)

Conversions

Conversions Part 1

Format	Color
Hex	4C002C
RGB	76, 0, 44
RGB Percent	30%, 0%, 17%
CMY	0.7013, 0.9994, 0.8269
CMYK	0.00, 1.00, 0.42, 0.70
HSL	325°, 100%, 15%
HSV	325°, 100%, 30%
XYZ	3.4530, 1.7298, 2.5487
YIQ	27.7400, 31.1720, 29.7960

Conversions

Conversions Part 2

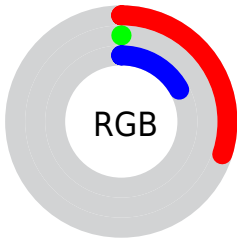
Format	Color
R_{YB}	76, 0, 44
Decimal	4980780
CIE _{Lab}	14.00, 36.29, -5.49
CIE _{LCh}	14, 36.700, 351.401
Yxy	1.7298, 0.4466, 0.2237
Android (android.graphics.Color)	4283170860 (0xFF4C002C)
YUV	27.7400, 8.0162, 42.3240
Hunter-Lab	13.1521, 23.8474, -2.2832

Details

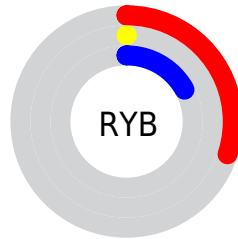
The CIELCh color **14, 36.700, 351.401** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 38.068, 147.916**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 36.406, 351.648**, and **2, 7.329, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.747, 351.437**, and if you desaturate by 10%, it is **15, 34.563, 349.630**.

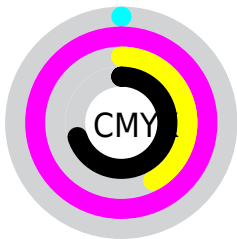
Distribution



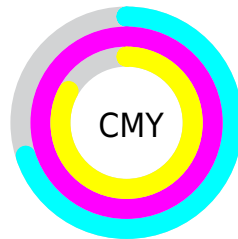
- Red (30%)
- Green (0%)
- Blue (17%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (70%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 36.700, 351.401 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, 36.700, 351.401 by changing the saturation by 10% instead.

 14, 36.700,
351.401


 14, 36.700,
351.401


 100, 36.700,
351.401


 4, 36.700, 351.401


 34, 36.700,
351.401

 0, 36.700, 351.401

 44, 36.700,
351.401


 54, 36.700,
351.401


 64, 36.700,
351.401


 74, 36.700,
351.401


 84, 36.700,


351.401


 94, 36.700,
351.401


 14, 36.700,
351.401


 14, 36.700,
351.401


 14, 36.747,
351.437

 15, 34.563,
349.630

 16, 32.445,
347.775

 18, 29.560,
346.219

 19, 26.022,
344.905

 21, 22.018,
343.771

■ 23, 17.721,
342.770

■ 25, 13.272,
341.872

■ 28, 8.776, 341.051

■ 30, 4.306, 340.281

Harmonies

Complementary

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



14, 36.700, 351.401



28, 38.068, 147.916

Rectangle

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



14, 36.700, 351.401



14, 36.700, 41.401



14, 36.700, 171.401



14, 36.700, 221.401

Sweetspot

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



14, 36.698, 351.402



33, 16.673, 341.988



8, 52.230, 311.193



15, 11.472, 342.189



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, 36.698, 351.402



20, 43.860, 352.667



13, 37.978, 27.791



14, 2.462, 340.195



21, 44.623, 352.772



50, 79.806, 355.285

Inverse Universe

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



14, 36.698, 351.402



20, 43.860, 352.667



28, 22.342, 185.473



14, 2.462, 340.195



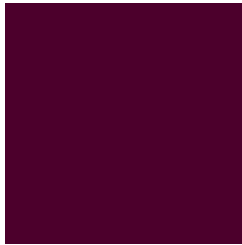
21, 44.623, 352.772



50, 79.806, 355.285

Previews

White Background



This preview shows how the CIELCh color 14, 36.700, 351.401 looks on a white background.

Color Contrast Check

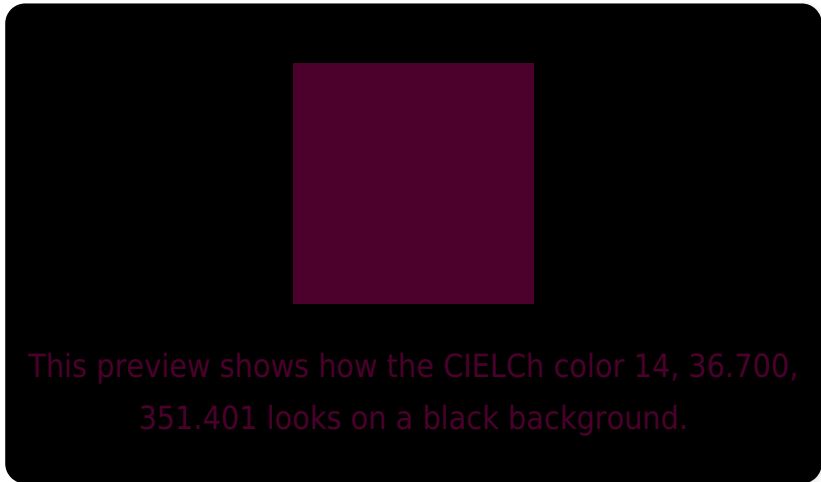
Large Text (above 18pt) WCAG AA ✓ Pass

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

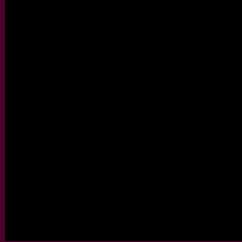
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 36.700, 351.401

Background



This preview shows how black text looks on a background with the CIELCh color 14, 36.700, 351.401.



This preview shows how white text looks on a background with the CIELCh color 14, 36.700, 351.401.

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, 36.700, 351.401

Protanopia

16, 16.940, 284.556

Deuteranopia

16, 2.805, 350.193



Tritanopia
15, 31.150, 28.862

Trichromacy



Original Color
14, 36.700, 351.401

Protanomaly
13, 23.701, 318.019

Deuteranomaly
14, 18.541, 345.751

Tritanomaly
15, 31.295, 13.169

Monochromacy



Original Color
14, 36.700, 351.401

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, 36.700, 351.401 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(76, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(76, 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(76, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 36.700, 351.401 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(76, 0, 44) }
```

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

```
.border{ border-color:rgb(76, 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(76, 0, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 44); box-shadow:4px  
4px 4px 4px rgb(76, 0, 44) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 36.700, 351.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 44) }
```

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

```
.background{ background-color: rgb(76, 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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