

Converting Colors

CIELCh(14, 37.041, 350.585)

Have a look what the booklet for
CIELCh(14, 37.041, 350.585)
contains.

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Color

CIELCh(14, 36.918, 350.404)

Conversions

Conversions Part 1

Format	Color
Hex	4C002D
RGB	76, 0, 45
RGB Percent	30%, 0%, 18%
CMY	0.7017, 0.9998, 0.8233
CMYK	0.00, 1.00, 0.41, 0.70
HSL	324°, 100%, 15%
HSV	324°, 100%, 30%
XYZ	3.4601, 1.7298, 2.6389
YIQ	27.8540, 30.8510, 30.1070

Conversions

Conversions Part 2

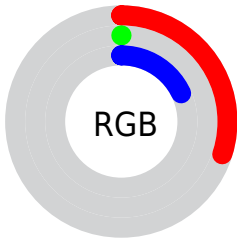
Format	Color
R_{YB}	76, 0, 45
Decimal	4980781
CIE _{Lab}	14.00, 36.40, -6.15
CIE _{LCh}	14, 36.918, 350.404
Yxy	1.7298, 0.4420, 0.2210
Android (android.graphics.Color)	4283170861 (0xFF4C002D)
YUV	27.8540, 8.4530, 42.2240
Hunter-Lab	13.1521, 23.9442, -2.6897

Details

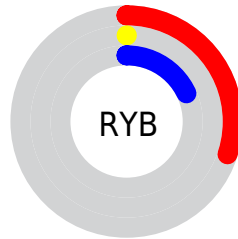
The CIELCh color **14, 36.918, 350.404** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 38.522, 147.337**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 36.876, 349.903**, and **2, 7.329, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.934, 350.417**, and if you desaturate by 10%, it is **15, 34.780, 348.712**.

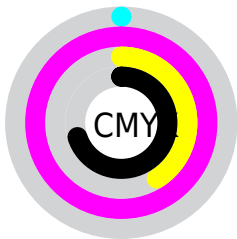
Distribution



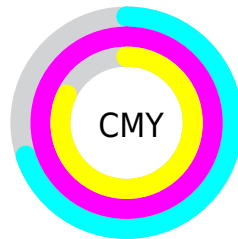
- Red (30%)
- Green (0%)
- Blue (18%)



- Red (30%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 36.918, 350.404 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, 36.918, 350.404 by changing the saturation by 10% instead.

 14, 36.918,
350.404

 14, 36.918,
350.404

 100, 36.918,
350.404

 4, 36.918, 350.404

 34, 36.918,
350.404

 0, 36.918, 350.404

 44, 36.918,
350.404

 54, 36.918,
350.404

 64, 36.918,
350.404


 74, 36.918,
350.404


 84, 36.918,


350.404


 94, 36.918,
350.404

 14, 36.918,
350.404


 14, 36.918,
350.404


 14, 36.934,
350.417

 15, 34.780,
348.712

 16, 32.669,
346.935

 18, 29.788,
345.436

 19, 26.245,
344.166

 21, 22.228,
343.064

■ 23, 17.910,
342.089

■ 25, 13.434,
341.209

■ 28, 8.907, 340.403

■ 30, 4.403, 339.646

Harmonies

Complementary

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



14, 36.918, 350.404



28, 38.522, 147.337

Rectangle

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



14, 36.918, 350.404



14, 36.918, 40.404



14, 36.918, 170.404



14, 36.918, 220.404

Sweetspot

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



14, 36.916, 350.405



33, 16.819, 341.312



7, 52.372, 310.863



15, 11.572, 341.509



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, 36.916, 350.405



20, 44.117, 351.594



13, 37.786, 27.065



14, 2.485, 339.551



21, 44.883, 351.695



50, 80.230, 354.088

Inverse Universe

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



14, 36.916, 350.405



20, 44.117, 351.594



28, 22.700, 183.461



14, 2.485, 339.551



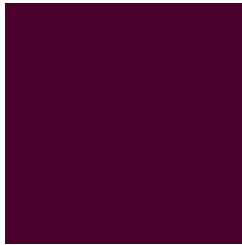
21, 44.883, 351.695



50, 80.230, 354.088

Previews

White Background



This preview shows how the CIE LCh color 14, 36.918, 350.404 looks on a white background.

Color Contrast Check

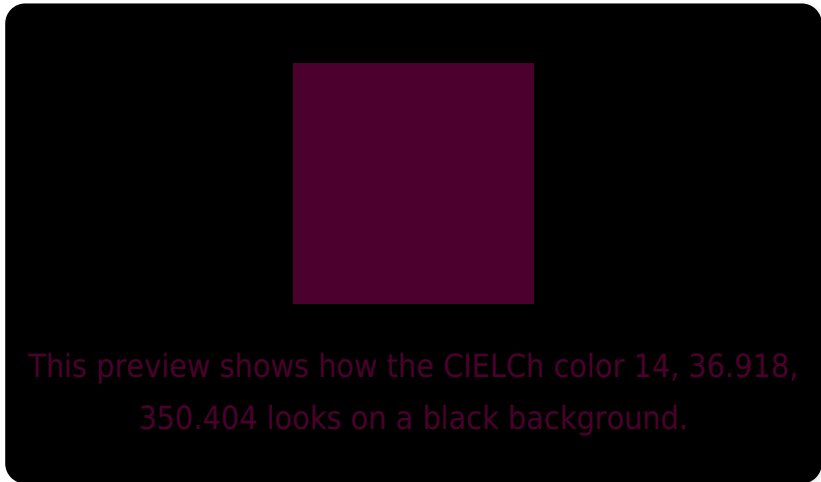
Large Text (above 18pt) WCAG AA ✓ Pass

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

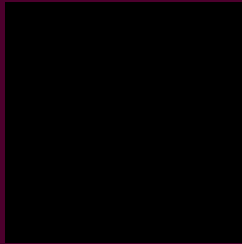
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 36.918, 350.404

Background



This preview shows how black text looks on a background with the CIELCh color 14, 36.918, 350.404.



This preview shows how white text looks on a background with the CIELCh color 14, 36.918, 350.404.

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, 36.918, 350.404

Protanopia

16, 18.338, 284.794

Deuteranopia

16, 2.858, 332.784



Tritanopia
15, 30.852, 29.627

Trichromacy



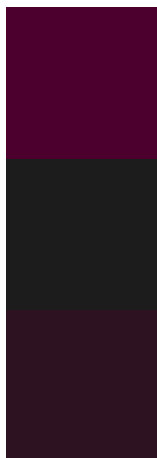
Original Color
14, 36.918, 350.404

Protanomaly
13, 24.928, 316.735

Deuteranomaly
14, 18.577, 342.797

Tritanomaly
15, 31.295, 13.169

Monochromacy



Original Color
14, 36.918, 350.404

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 17.107, 343.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 36.918, 350.404 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 36.918, 350.404 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, 45) }
```

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

```
.border{ border-color:rgb(76, 0, 45) }
```

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, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 45); box-shadow:4px  
4px 4px 4px rgb(76, 0, 45) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 36.918, 350.404 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, 45) }
```

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

```
.background{ background-color: rgb(76, 0,  
45) }
```

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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