

Converting Colors

CIELCh(14, 35.867, 357.427)

Have a look what the booklet for
CIELCh(14, 35.867, 357.427)
contains.

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Color

CIELCh(14, 36.046, 357.259)

Conversions

Conversions Part 1

Format	Color
Hex	4D0027
RGB	77, 0, 39
RGB Percent	30%, 0%, 15%
CMY	0.6977, 0.9997, 0.8468
CMYK	0.00, 1.00, 0.49, 0.70
HSL	330°, 100%, 15%
HSV	330°, 100%, 30%
XYZ	3.4353, 1.7298, 2.0781
YIQ	27.4690, 33.3730, 28.4530

Conversions

Conversions Part 2

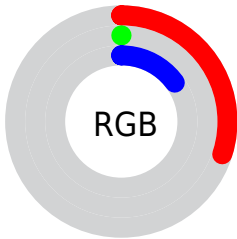
Format	Color
R_{YB}	77, 0, 39
Decimal	5046311
CIE _{Lab}	14.00, 36.00, -1.72
CIE _{LCh}	14, 36.046, 357.259
Yxy	1.7298, 0.4743, 0.2388
Android (android.graphics.Color)	4283236391 (0xFF4D0027)
YUV	27.4690, 5.6848, 43.4387
Hunter-Lab	13.1521, 23.6078, -0.1616

Details

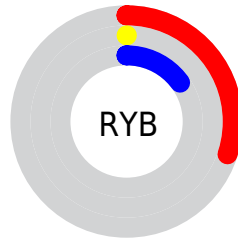
The CIELCh color **14, 36.046, 357.259** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 35.900, 151.213**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 36.087, 357.132**, and **2, 7.329, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.070, 357.282**, and if you desaturate by 10%, it is **15, 33.841, 355.056**.

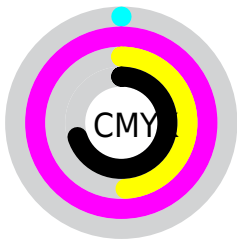
Distribution



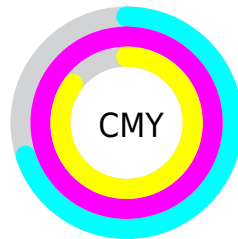
- Red (30%)
- Green (0%)
- Blue (15%)



- Red (30%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 36.046, 357.259 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, 36.046, 357.259 by changing the saturation by 10% instead.

 14, 36.046,
357.259

 14, 36.046,
357.259


 100, 36.046,
357.259

 4, 36.046, 357.259


 34, 36.046,
357.259

 0, 36.046, 357.259

 44, 36.046,
357.259


 54, 36.046,
357.259


 64, 36.046,
357.259


 74, 36.046,
357.259


 84, 36.046,


357.259


 94, 36.046,
357.259


 14, 36.046,
357.259


 14, 36.046,
357.259


 14, 36.070,
357.282

 15, 33.841,
355.056

 16, 31.686,
352.745

 18, 28.804,
350.836

 19, 25.305,
349.256

 21, 21.372,
347.922

■ 23, 17.174,
346.770

■ 26, 12.847,
345.755

■ 28, 8.494, 344.845

■ 30, 4.184, 344.004

Harmonies

Complementary

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



14, 36.046, 357.259



28, 35.900, 151.213

Rectangle

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



14, 36.046, 357.259



14, 36.046, 47.259



14, 36.046, 177.259



14, 36.046, 227.259

Sweetspot

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



14, 36.044, 357.260



33, 15.927, 345.869



8, 52.086, 312.587



15, 10.964, 346.095



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, 36.044, 357.260



20, 42.796, 358.763



13, 39.216, 30.735



14, 2.342, 343.901



20, 43.547, 358.897



50, 78.251, 2.055

Inverse Universe

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



14, 36.044, 357.260



20, 42.796, 358.763



29, 21.306, 194.087



14, 2.342, 343.901



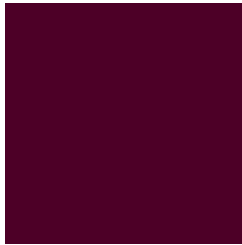
20, 43.547, 358.897



50, 78.251, 2.055

Previews

White Background



This preview shows how the CIELCh color 14, 36.046, 357.259 looks on a white background.

Color Contrast Check

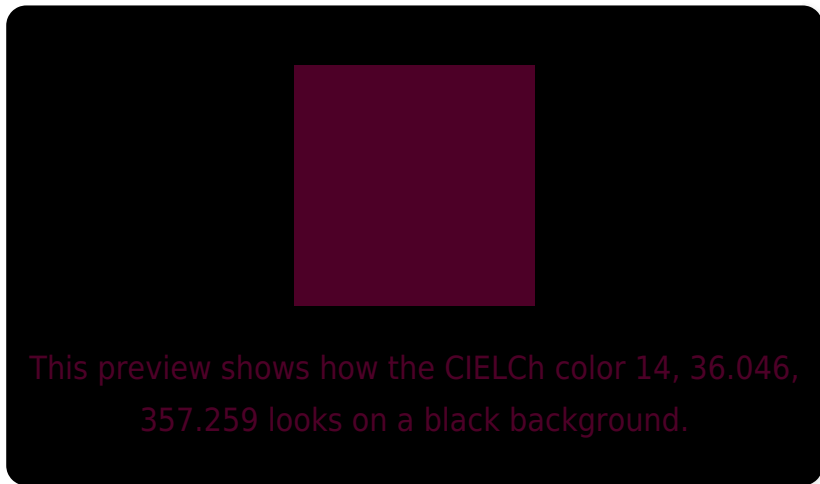
Large Text (above 18pt) WCAG AA ✓ Pass

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

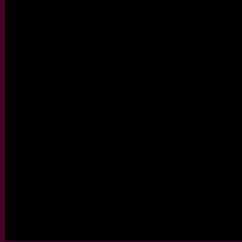
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 36.046, 357.259

Background



This preview shows how black text looks on a background with the CIELCh color 14, 36.046, 357.259.



This preview shows how white text looks on a background with the CIELCh color 14, 36.046, 357.259.

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, 36.046, 357.259

Protanopia

16, 11.306, 282.744

Deuteranopia

16, 4.121, 50.399



Tritanopia
15, 32.375, 30.173

Trichromacy



Original Color
14, 36.046, 357.259

Protanomaly
13, 20.636, 326.653

Deuteranomaly
14, 17.546, 356.918

Tritanomaly
15, 32.460, 18.160

Monochromacy



Original Color
14, 36.046, 357.259

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 16.759, 348.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 36.046, 357.259 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 36.046, 357.259 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, 39) }
```

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

```
.border{ border-color:rgb(77, 0, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 39); box-shadow:4px  
4px 4px 4px rgb(77, 0, 39) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 36.046, 357.259 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, 39) }
```

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

```
.background{ background-color: rgb(77, 0,  
39) }
```

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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