

Converting Colors

CIELCh(8, 54.606, 348.112)

Have a look what the booklet for
CIELCh(8, 54.606, 348.112) contains.

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Color

CIELCh(14, 35.959, 355.551)

Conversions

Conversions Part 1

Format	Color
Hex	4D0128
RGB	77, 1, 40
RGB Percent	30%, 0%, 16%
CMY	0.6996, 0.9978, 0.8412
CMYK	0.00, 0.99, 0.47, 0.70
HSL	328°, 99%, 15%
HSV	328°, 99%, 30%
XYZ	3.4257, 1.7298, 2.2049
YIQ	28.1700, 32.7770, 28.2410

Conversions

Conversions Part 2

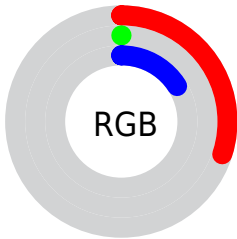
Format	Color
R _Y B	77, 1, 40
Decimal	5046568
CIE Lab	14.00, 35.85, -2.79
CIE LCh	14, 35.959, 355.551
Yxy	1.7298, 0.4654, 0.2350
Android (android.graphics.Color)	4283236648 (0xFF4D0128)
YUV	28.1700, 5.8322, 42.8239
Hunter-Lab	13.1521, 23.4775, -0.7332

Details

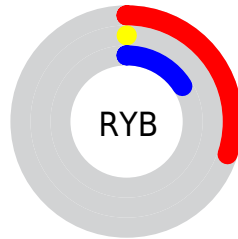
The CIELCh color **14, 35.959, 355.551** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **28, 36.223, 150.402**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 35.722, 356.607**, and **2, 7.329, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 36.129, 355.694**, and if you desaturate by 10%, it is **15, 33.797, 353.451**.

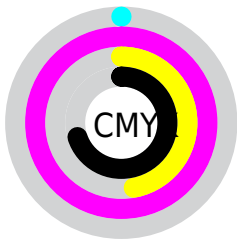
Distribution



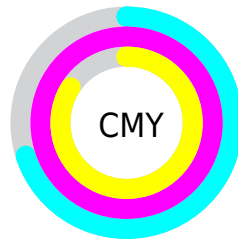
- Red (30%)
- Green (0%)
- Blue (16%)



- Red (30%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (99%)
- Yellow (47%)
- Black (70%)





- Cyan (70%)
- Magenta (100%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 35.959, 355.551 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, 35.959, 355.551 by changing the saturation by 10% instead.

 14, 35.959,
355.551


 14, 35.959,
355.551


 100, 35.959,
355.551


 4, 35.959, 355.551


 34, 35.959,
355.551

 0, 35.959, 355.551

 44, 35.959,
355.551


 54, 35.959,
355.551


 64, 35.959,
355.551


 74, 35.959,
355.551


 84, 35.959,


355.551


 94, 35.959,
355.551

 14, 35.959,
355.551


 14, 35.959,
355.551


 14, 36.129,
355.694

 15, 33.797,
353.451

 16, 31.628,
351.281

 18, 28.714,
349.489

 19, 25.186,
347.997

 21, 21.227,
346.729

■ 23, 17.005,
345.627

■ 26, 12.656,
344.650

■ 28, 8.280, 343.769

■ 30, 3.946, 342.949

Harmonies

Complementary

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



14, 35.959, 355.551



28, 36.223, 150.402

Rectangle

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



14, 35.959, 355.551



14, 35.959, 45.551



14, 35.959, 175.551



14, 35.959, 225.551

Sweetspot

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



14, 35.957, 355.552



33, 16.114, 344.822



8, 51.693, 312.192



15, 11.091, 345.041



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, 35.957, 355.552



20, 43.017, 357.132



13, 38.596, 29.947



14, 2.372, 342.899



20, 43.770, 357.259



50, 78.531, 0.251

Inverse Universe

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



14, 35.957, 355.552



20, 43.017, 357.132



29, 21.422, 191.868



14, 2.372, 342.899



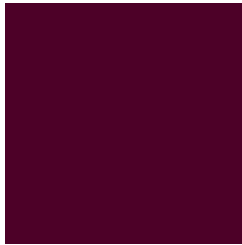
20, 43.770, 357.259



50, 78.531, 0.251

Previews

White Background



This preview shows how the CIE LCh color 14, 35.959, 355.551 looks on a white background.

Color Contrast Check

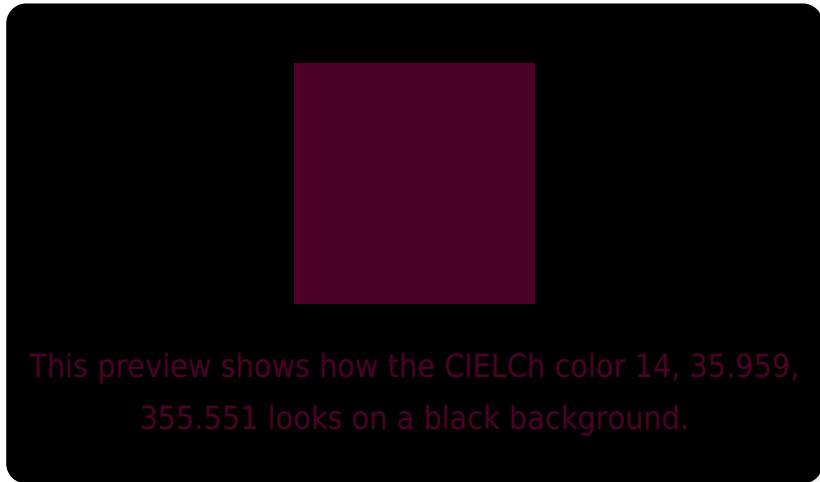
Large Text (above 18pt) WCAG AA ✓ Pass

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

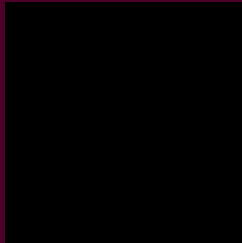
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 35.959, 355.551

Background



This preview shows how black text looks on a background with the CIELCh color 14, 35.959, 355.551.



This preview shows how white text looks on a background with the CIELCh color 14, 35.959, 355.551.

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, 35.811, 356.445

Protanopia

16, 13.398, 285.193

Deuteranopia

16, 3.314, 44.774



Tritanopia
15, 31.886, 30.009

Trichromacy



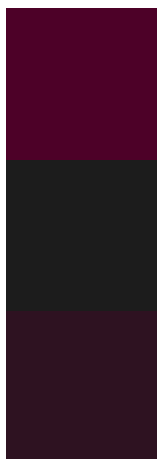
Original Color
14, 35.811, 356.445

Protanomaly
13, 21.587, 323.421

Deuteranomaly
14, 17.362, 353.752

Tritanomaly
15, 32.318, 16.934

Monochromacy



Original Color
14, 35.811, 356.445

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 17.082, 346.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 35.959, 355.551 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, 1, 40)` looks like.

```
.text, #text, p{  
    color:rgb(77, 1, 40)  
}
```

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, 1, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 1, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 35.959, 355.551 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, 1, 40) }
```

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

```
.border{ border-color:rgb(77, 1, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 1, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 1, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 1, 40); box-shadow:4px  
4px 4px 4px rgb(77, 1, 40) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 35.959, 355.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 1, 40) }
```

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

```
.background{ background-color: rgb(77, 1,  
40) }
```

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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