

Converting Colors

CIELCh(14, 36.403, 336.836)

Have a look what the booklet for
CIELCh(14, 36.403, 336.836)
contains.

CIELCh(14, 36.131, 336.734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(14, 36.131, 336.734)

Conversions

Conversions Part 1

Format	Color
Hex	450838
RGB	69, 8, 56
RGB Percent	27%, 3%, 22%
CMY	0.7291, 0.9683, 0.7801
CMYK	0.00, 0.88, 0.19, 0.73
HSL	313°, 79%, 15%
HSV	313°, 88%, 27%
XYZ	3.2630, 1.7298, 3.9122
YIQ	31.7110, 20.9480, 27.8600

Conversions

Conversions Part 2

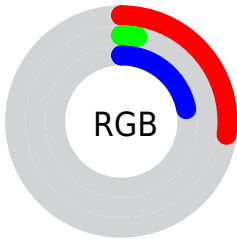
Format	Color
RYB	69, 8, 56
Decimal	4524088
CIELab	14.00, 33.19, -14.27
CIELCh	14, 36.131, 336.734
Yxy	1.7298, 0.3664, 0.1942
Android (android.graphics.Color)	4282714168 (0xFF450838)
YUV	31.7110, 11.9745, 32.7025
Hunter-Lab	13.1521, 21.2689, -8.4298

Details

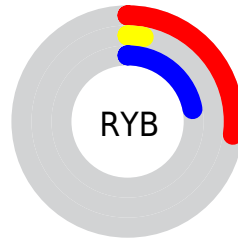
The CIELCh color **14, 36.131, 336.734** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 37.998, 142.301**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 36.238, 336.947**, and **1, 5.726, 334.642** is the 20% darker color. If you saturate the color by 10%, you get **13, 38.499, 337.479**, and if you desaturate by 10%, it is **15, 33.730, 335.947**.

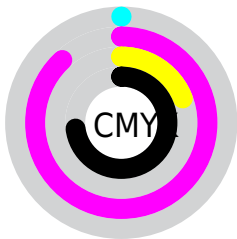
Distribution



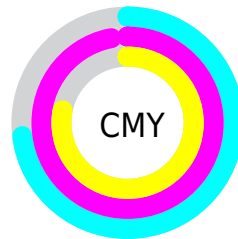
- Red (27%)
- Green (3%)
- Blue (22%)



- Red (27%)
- Yellow (3%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (19%)
- Black (73%)





- Cyan (73%)
- Magenta (97%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 36.131, 336.734 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, 36.131, 336.734 by changing the saturation by 10% instead.

 14, 36.131,
336.734


 14, 36.131,
336.734

 100, 36.131,
336.734


 4, 36.131, 336.734


 34, 36.131,
336.734

 0, 36.131, 336.734

 44, 36.131,
336.734


 54, 36.131,
336.734


 64, 36.131,
336.734


 74, 36.131,
336.734

 84, 36.131,


336.734


 94, 36.131,
336.734


 14, 36.131,
336.734


 14, 36.131,
336.734

 13, 38.499,
337.479


 15, 33.730,
335.947

 13, 38.933,
337.598

 16, 30.589,
335.214

 18, 26.821,
334.524

 19, 22.598,
333.864

 21, 18.077,
333.227

■ 23, 13.390,
332.611

■ 25, 8.639, 332.012

■ 28, 3.894, 331.419

■ 30, 0.793, 151.091

Harmonies

Complementary

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



14, 36.131, 336.734



25, 37.998, 142.301

Rectangle

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



14, 36.131, 336.734



14, 36.131, 26.734



14, 36.131, 156.734



14, 36.131, 206.734

Sweetspot

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



14, 36.130, 336.734



31, 15.225, 332.534



7, 43.855, 306.001



14, 10.410, 332.627



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



14, 36.130, 336.734



18, 46.065, 338.054



13, 29.966, 10.911



13, 2.692, 331.440



21, 49.567, 338.224



51, 89.548, 339.154

Inverse Universe

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



14, 36.130, 336.734



18, 46.065, 338.054



25, 24.366, 166.092



13, 2.692, 331.440



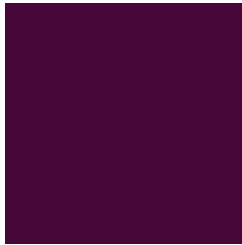
21, 49.567, 338.224



51, 89.548, 339.154

Previews

White Background



This preview shows how the CIE LCh color 14, 36.131, 336.734 looks on a white background.

Color Contrast Check

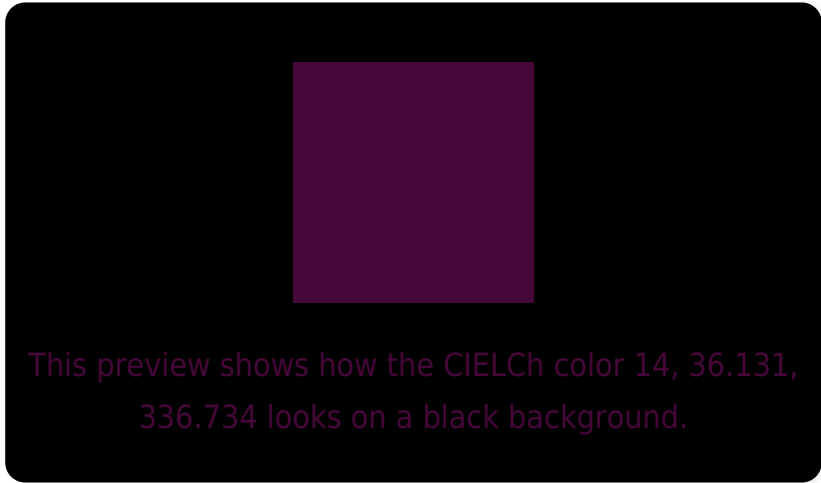
Large Text (above 18pt) WCAG AA ✓ Pass

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

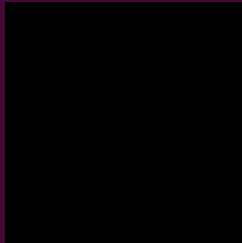
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 36.131, 336.734

Background



This preview shows how black text looks on a background with the CIELCh color 14, 36.131, 336.734.



This preview shows how white text looks on a background with the CIELCh color 14, 36.131, 336.734.

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, 36.131, 336.734

Protanopia

15, 29.172, 283.870

Deuteranopia

15, 10.645, 284.079



Tritanopia
15, 23.174, 25.180

Trichromacy



Original Color
14, 36.131, 336.734

Protanomaly
12, 31.576, 300.771

Deuteranomaly
14, 20.908, 318.807

Tritanomaly
14, 25.438, 1.067

Monochromacy



Original Color
14, 36.131, 336.734

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 16.368, 332.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 36.131, 336.734 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(69, 8, 56)` looks like.

```
.text, #text, p{  
    color:rgb(69, 8, 56)  
}
```

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(69, 8, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 8, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 36.131, 336.734 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(69, 8, 56) }
```

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

```
.border{ border-color:rgb(69, 8, 56) }
```

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

Here you see how a box with a 4 pixel rgb(69, 8, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 8, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 8, 56); box-shadow:4px  
4px 4px 4px rgb(69, 8, 56) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 36.131, 336.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 8, 56) }
```

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

```
.background{ background-color: rgb(69, 8,  
56) }
```

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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