

Converting Colors

CIELCh(14, 31.558, 335.261)

Have a look what the booklet for
CIELCh(14, 31.558, 335.261)
contains.

CIELCh(14, 31.514, 335.329)	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, 31.514, 335.329)

Conversions

Conversions Part 1

Format	Color
Hex	400F36
RGB	64, 15, 54
RGB Percent	25%, 6%, 21%
CMY	0.7473, 0.9394, 0.7866
CMYK	0.00, 0.76, 0.16, 0.75
HSL	312°, 61%, 16%
HSV	312°, 76%, 25%
XYZ	2.9962, 1.7298, 3.7168
YIQ	34.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

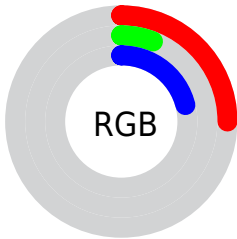
Format	Color
RYB	64, 15, 54
Decimal	4198198
CIELab	14.00, 28.64, -13.15
CIELCh	14, 31.514, 335.329
Yxy	1.7298, 0.3549, 0.2049
Android (android.graphics.Color)	4282388278 (0xFF400F36)
YUV	34.0970, 9.8122, 26.2249
Hunter-Lab	13.1521, 17.6480, -7.5489

Details

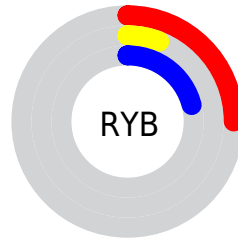
The CIELCh color **14, 31.514, 335.329** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 32.243, 143.895**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 31.499, 335.397**, and **0, 2.490, 303.046** is the 20% darker color. If you saturate the color by 10%, you get **13, 34.019, 336.062**, and if you desaturate by 10%, it is **15, 28.329, 334.641**.

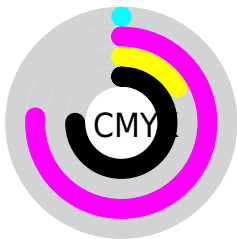
Distribution



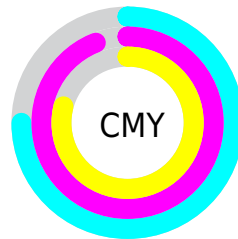
- Red (25%)
- Green (6%)
- Blue (21%)



- Red (25%)
- Yellow (6%)
- Blue (21%)



- Cyan (0%)
- Magenta (76%)
- Yellow (16%)
- Black (75%)





- Cyan (75%)
- Magenta (94%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 31.514, 335.329 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, 31.514, 335.329 by changing the saturation by 10% instead.

 14, 31.514,
335.329


 14, 31.514,
335.329


 100, 31.514,
335.329


 4, 31.514, 335.329


 34, 31.514,
335.329

 0, 31.514, 335.329

 44, 31.514,
335.329


 54, 31.514,
335.329


 64, 31.514,
335.329


 74, 31.514,
335.329


 84, 31.514,


335.329


 94, 31.514,
335.329

 14, 31.514,
335.329


 14, 31.514,
335.329


 13, 34.019,
336.062


 15, 28.329,
334.641


 12, 36.422,
336.763

 17, 24.607,
333.985

 12, 37.461,
337.020

 18, 20.505,
333.352

 20, 16.160,
332.738

 22, 11.688,
332.142

■ 24, 7.174, 331.559

■ 26, 2.679, 330.971

■ 28, 1.754, 150.567

■ 30, 6.099, 149.997

Harmonies

Complementary

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



14, 31.514, 335.329



23, 32.243, 143.895

Rectangle

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



14, 31.514, 335.329



14, 31.514, 25.329



14, 31.514, 155.329



14, 31.514, 205.329

Sweetspot

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



14, 31.513, 335.329



30, 12.899, 332.024



8, 35.938, 304.832



14, 9.009, 332.127



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 31.513, 335.329



18, 42.595, 336.772



13, 25.223, 6.863



12, 2.541, 331.126



20, 48.987, 337.703



51, 89.359, 338.610

Inverse Universe

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



14, 31.513, 335.329



18, 42.595, 336.772



24, 20.869, 168.098



12, 2.541, 331.126



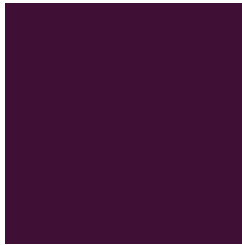
20, 48.987, 337.703



51, 89.359, 338.610

Previews

White Background



This preview shows how the CIELCh color 14, 31.514, 335.329 looks on a white background.

Color Contrast Check

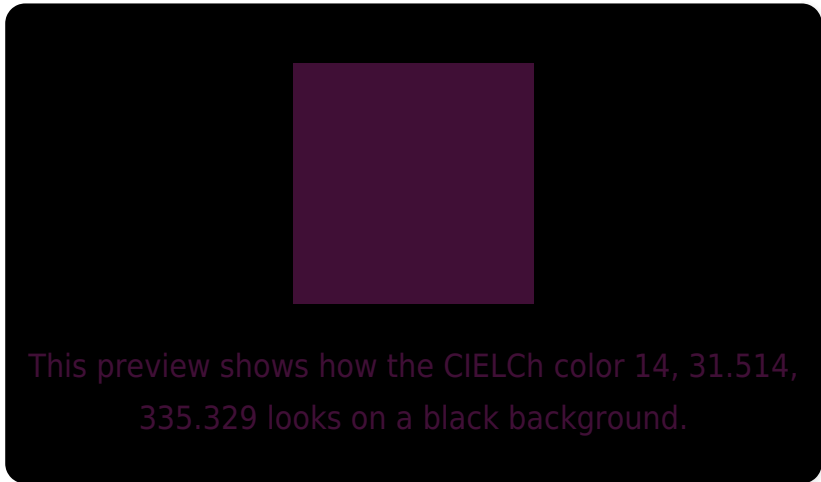
Large Text (above 18pt) WCAG AA ✓ Pass

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

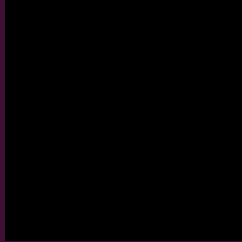
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 31.514, 335.329

Background



This preview shows how black text looks on a background with the CIELCh color 14, 31.514, 335.329.



This preview shows how white text looks on a background with the CIELCh color 14, 31.514, 335.329.

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, 31.514, 335.329

Protanopia

15, 25.651, 284.804

Deuteranopia

15, 9.993, 283.261



Tritanopia
14, 19.721, 21.650

Trichromacy



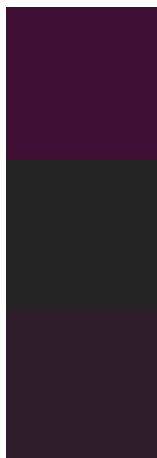
Original Color
14, 31.514, 335.329

Protanomaly
13, 26.509, 300.863

Deuteranomaly
14, 17.647, 315.806

Tritanomaly
14, 21.849, 359.313

Monochromacy



Original Color
14, 31.514, 335.329

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 13.063, 333.431

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 14, 31.514, 335.329 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(64, 15, 54)` looks like.

```
.text, #text, p{  
    color:rgb(64, 15, 54)  
}
```

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(64, 15, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 15, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 31.514, 335.329 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(64, 15, 54) }
```

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

```
.border{ border-color:rgb(64, 15, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 15, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 15, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 15, 54);  
box-shadow:4px 4px 4px 4px rgb(64, 15, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 31.514, 335.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 15, 54) }
```

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

```
.background{ background-color: rgb(64, 15,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor