

Converting Colors

CIELCh(0, 106.205, 326.091)

Have a look what the booklet for
CIELCh(0, 106.205, 326.091)
contains.

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Color

CIELCh(14, 54.173, 319.160)

Conversions

Conversions Part 1

Format	Color
Hex	3F0056
RGB	63, 0, 86
RGB Percent	25%, 0%, 34%
CMY	0.7517, 1.0000, 0.6615
CMYK	0.27, 1.00, 0.00, 0.66
HSL	284°, 100%, 17%
HSV	284°, 100%, 34%
XYZ	3.7552, 1.7298, 9.0091
YIQ	28.6410, 9.9420, 40.1020

Conversions

Conversions Part 2

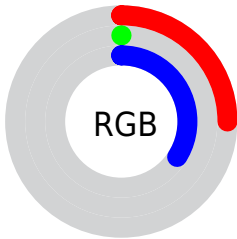
Format	Color
RYB	63, 0, 86
Decimal	4128854
CIELab	14.00, 40.98, -35.43
CIELCh	14, 54.173, 319.160
Yxy	1.7298, 0.2591, 0.1193
Android (android.graphics.Color)	4282318934 (0xFF3F0056)
YUV	28.6410, 28.2780, 30.1328
Hunter-Lab	13.1521, 27.9489, -31.4067

Details

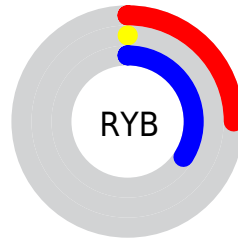
The CIELCh color **14, 54.173, 319.160** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **32, 52.166, 132.745**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 53.810, 318.778**, and **2, 25.062, 296.783** is the 20% darker color. If you saturate the color by 10%, you get **14, 53.900, 319.097**, and if you desaturate by 10%, it is **16, 50.338, 319.173**.

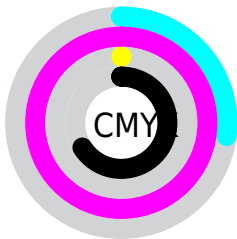
Distribution



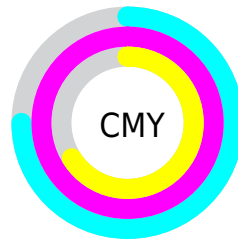
- Red (25%)
- Green (0%)
- Blue (34%)



- Red (25%)
- Yellow (0%)
- Blue (34%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)





- Cyan (75%)
- Magenta (100%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 54.173, 319.160 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, 54.173, 319.160 by changing the saturation by 10% instead.

 14, 54.173,
319.160

 14, 54.173,
319.160

 100, 54.173,
319.160

 4, 54.173, 319.160

 34, 54.173,
319.160

 0, 54.173, 319.160

 44, 54.173,
319.160


 54, 54.173,
319.160


 64, 54.173,
319.160


 74, 54.173,
319.160


 84, 54.173,


319.160

 94, 54.173,
319.160


 14, 54.173,
319.160


 14, 54.173,
319.160


 14, 53.900,
319.097

 16, 50.338,
319.173

 17, 46.674,
319.282

 19, 42.041,
319.213

 21, 36.679,
319.008

 23, 30.838,
318.709

■ 26, 24.724,
318.350

■ 28, 18.493,
317.960

■ 31, 12.253,
317.556

■ 34, 6.075, 317.149

Harmonies

Complementary

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



14, 54.173, 319.160



32, 52.166, 132.745

Rectangle

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



14, 54.173, 319.160



14, 54.173, 9.160



14, 54.173, 139.160



14, 54.173, 189.160

Sweetspot

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



14, 53.900, 319.097



37, 22.968, 318.000



12, 44.205, 296.412



17, 15.515, 318.098



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



14, 53.900, 319.097



20, 64.847, 318.823



17, 44.945, 338.189



16, 3.408, 317.099



19, 62.728, 318.867



45, 111.836, 318.305

Inverse Universe

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



16, 39.460, 19.166



22, 47.895, 21.231



31, 49.006, 140.413



16, 2.264, 358.998



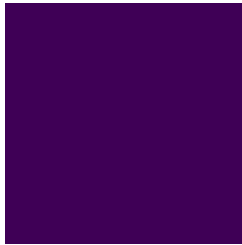
21, 46.259, 20.897



49, 84.293, 25.008

Previews

White Background



This preview shows how the CIE LCh color 14, 54.173, 319.160 looks on a white background.

Color Contrast Check

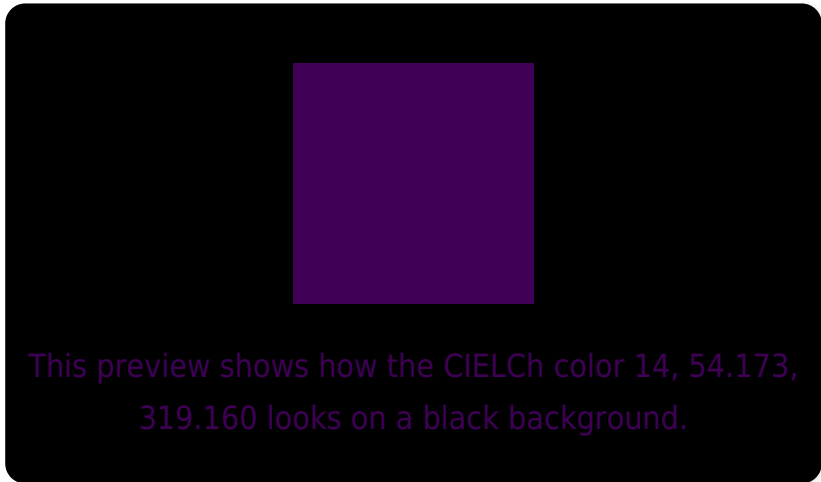
Large Text (above 18pt) WCAG AA ✓ Pass

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

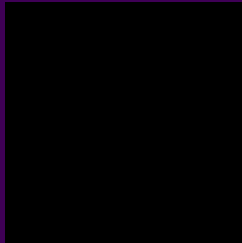
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 54.173, 319.160

Background



This preview shows how black text looks on a background with the CIELCh color 14, 54.173, 319.160.



This preview shows how white text looks on a background with the CIELCh color 14, 54.173, 319.160.

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, 53.765, 319.078

Protanopia

16, 29.899, 281.560

Deuteranopia

16, 22.510, 269.434



Tritanopia
16, 10.799, 14.954

Trichromacy



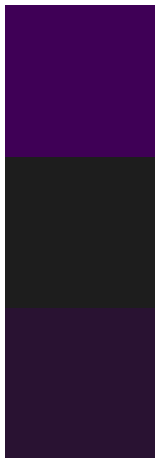
Original Color
14, 53.765, 319.078

Protanomaly
13, 41.097, 299.863

Deuteranomaly
12, 36.403, 298.451

Tritanomaly
14, 26.318, 330.744

Monochromacy



Original Color
14, 53.765, 319.078

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 24.809, 318.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 54.173, 319.160 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(63, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 86)  
}
```

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(63, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 54.173, 319.160 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(63, 0, 86) }
```

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

```
.border{ border-color:rgb(63, 0, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 0, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 0, 86); box-shadow:4px  
4px 4px 4px rgb(63, 0, 86) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 54.173, 319.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 86) }
```

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

```
.background{ background-color: rgb(63, 0,  
86) }
```

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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