

Converting Colors

CIELCh(14, 59.506, 314.927)

Have a look what the booklet for
CIELCh(14, 59.506, 314.927)
contains.

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Color

CIELCh(14, 59.506, 314.927)

Conversions

Conversions Part 1

Format	Color
Hex	390060
RGB	57, 0, 96
RGB Percent	22%, 0%, 38%
CMY	0.7756, 0.9992, 0.6227
CMYK	0.41, 1.00, 0.00, 0.62
HSL	276°, 100%, 19%
HSV	276°, 100%, 38%
XYZ	3.8243, 1.7298, 11.2523
YIQ	27.9870, 3.1560, 41.9400

Conversions

Conversions Part 2

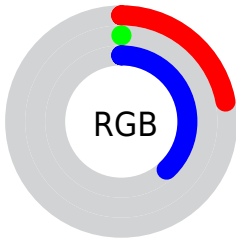
Format	Color
R _Y B	57, 0, 96
Decimal	3735648
CIE Lab	14.00, 42.02, -42.13
CIE LCh	14, 59.506, 314.927
Yxy	1.7298, 0.2276, 0.1029
Android (android.graphics.Color)	4281925728 (0xFF390060)
YUV	27.9870, 33.5304, 25.4444
Hunter-Lab	13.1521, 28.8878, -41.5190

Details

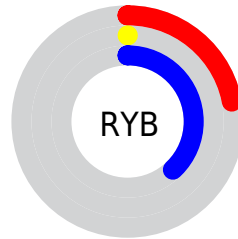
The CIELCh color **14, 59.506, 314.927** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36, 54.339, 129.825**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 59.959, 314.810**, and **2, 31.275, 295.665** is the 20% darker color. If you saturate the color by 10%, you get **14, 59.602, 314.929**, and if you desaturate by 10%, it is **16, 55.410, 315.018**.

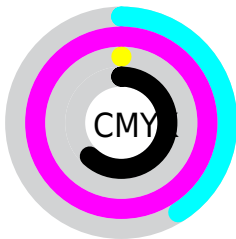
Distribution



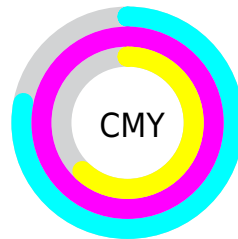
- Red (22%)
- Green (0%)
- Blue (38%)



- Red (22%)
- Yellow (0%)
- Blue (38%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (78%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 59.506, 314.927 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, 59.506, 314.927 by changing the saturation by 10% instead.

■ 14, 59.506,
314.927

■ 14, 59.506,
314.927

■ 100, 59.506,
314.927

■ 4, 59.506, 314.927

■ 34, 59.506,
314.927

■ 0, 59.506, 314.927

■ 44, 59.506,
314.927


■ 54, 59.506,
314.927


■ 64, 59.506,
314.927


■ 74, 59.506,
314.927


■ 84, 59.506,


314.927


 94, 59.506,
314.927


 14, 59.506,
314.927


 14, 59.506,
314.927


 14, 59.602,
314.929

 16, 55.410,
315.018

 18, 51.033,
315.123

 20, 45.610,
315.002

 23, 39.488,
314.727

 25, 32.964,
314.358

■ 28, 26.258,
313.939

■ 31, 19.518,
313.503

■ 35, 12.840,
313.069

■ 38, 6.280, 312.648

Harmonies

Complementary

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



14, 59.506, 314.927



36, 54.339, 129.825

Rectangle

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



14, 59.506, 314.927



14, 59.506, 4.927



14, 59.506, 134.927



14, 59.506, 184.927

Sweetspot

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



14, 59.506, 314.927



41, 24.396, 313.552



17, 38.764, 288.343



19, 16.814, 313.679



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



14, 59.506, 314.927



20, 71.903, 314.607



21, 53.189, 331.606



18, 3.616, 312.611



17, 66.514, 314.731



41, 116.869, 314.063

Inverse Universe

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



19, 41.306, 7.491



26, 49.830, 9.194



35, 56.640, 137.442



18, 2.684, 349.725



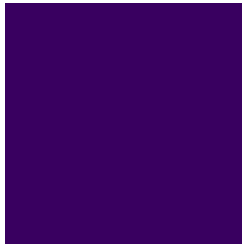
22, 46.114, 8.560



51, 80.982, 12.028

Previews

White Background



This preview shows how the CIE LCh color 14, 59.506, 314.927 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



This preview shows how the CIELCh color 14, 59.506, 314.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

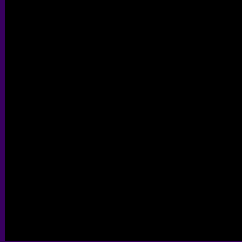
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 59.506, 314.927

Background



This preview shows how black text looks on a background with the CIELCh color 14, 59.506, 314.927.



This preview shows how white text looks on a background with the CIELCh color 14, 59.506, 314.927.

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, 59.506, 314.927

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 21.374, 266.887



Tritanopia
16, 3.703, 358.144

Trichromacy



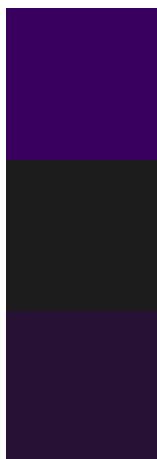
Original Color
14, 59.506, 314.927

Protanomaly
13, 44.461, 300.338

Deuteranomaly
12, 37.778, 298.105

Tritanomaly
13, 27.079, 317.703

Monochromacy



Original Color
14, 59.506, 314.927

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 26.550, 314.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 59.506, 314.927 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(57, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 96)  
}
```

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(57, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 59.506, 314.927 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(57, 0, 96) }
```

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

```
.border{ border-color:rgb(57, 0, 96) }
```

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

Here you see how a box with a 4 pixel rgb(57, 0, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 0, 96); box-shadow:4px  
4px 4px 4px rgb(57, 0, 96) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 59.506, 314.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 96) }
```

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

```
.background{ background-color: rgb(57, 0,  
96) }
```

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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