

Converting Colors

CIELCh(14, 57.012, 316.655)

Have a look what the booklet for
CIELCh(14, 57.012, 316.655)
contains.

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Color

CIELCh(14, 57.120, 316.595)

Conversions

Conversions Part 1

Format	Color
Hex	3C005C
RGB	60, 0, 92
RGB Percent	24%, 0%, 36%
CMY	0.7649, 1.0000, 0.6394
CMYK	0.35, 1.00, 0.00, 0.64
HSL	279°, 100%, 18%
HSV	279°, 100%, 36%
XYZ	3.7893, 1.7298, 10.2477
YIQ	28.4280, 6.2280, 41.3320

Conversions

Conversions Part 2

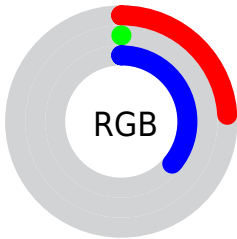
Format	Color
R_{YB}	60, 0, 92
Decimal	3932252
CIE _{Lab}	14.00, 41.50, -39.25
CIE _{LCh}	14, 57.120, 316.595
Yxy	1.7298, 0.2403, 0.1097
Android (android.graphics.Color)	4282122332 (0xFF3C005C)
YUV	28.4280, 31.3410, 27.6886
Hunter-Lab	13.1521, 28.4122, -36.9903

Details

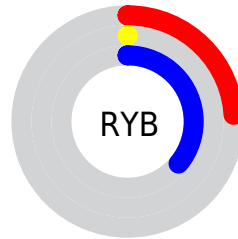
The CIELCh color **14, 57.120, 316.595** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **34, 53.509, 131.185**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 56.824, 316.633**, and **2, 28.909, 295.153** is the 20% darker color. If you saturate the color by 10%, you get **14, 57.100, 316.590**, and if you desaturate by 10%, it is **16, 53.229, 316.686**.

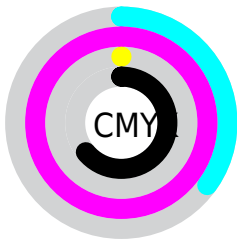
Distribution



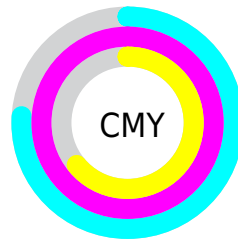
- Red (24%)
- Green (0%)
- Blue (36%)



- Red (24%)
- Yellow (0%)
- Blue (36%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)





- Cyan (76%)
- Magenta (100%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 57.120, 316.595 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, 57.120, 316.595 by changing the saturation by 10% instead.

 14, 57.120,
316.595


 14, 57.120,
316.595


 100, 57.120,
316.595


 4, 57.120, 316.595


 34, 57.120,
316.595

 0, 57.120, 316.595

 44, 57.120,
316.595


 54, 57.120,
316.595


 64, 57.120,
316.595


 74, 57.120,
316.595


 84, 57.120,


316.595


 94, 57.120,
316.595

 14, 57.120,
316.595


 14, 57.120,
316.595


 14, 57.100,
316.590

 16, 53.229,
316.686

 17, 49.185,
316.814

 20, 44.120,
316.734

 22, 38.338,
316.504

 25, 32.116,
316.177

■ 27, 25.670,
315.794

■ 30, 19.152,
315.385

■ 33, 12.663,
314.971

■ 36, 6.269, 314.562

Harmonies

Complementary

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



14, 57.120, 316.595



34, 53.509, 131.185

Rectangle

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



14, 57.120, 316.595



14, 57.120, 6.595



14, 57.120, 136.595



14, 57.120, 186.595

Sweetspot

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



14, 57.100, 316.590



39, 23.839, 315.425



14, 41.979, 292.888



18, 16.421, 315.540



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



14, 57.100, 316.590



20, 68.977, 316.276



19, 49.155, 334.722



17, 3.503, 314.514



18, 64.699, 316.374



43, 114.524, 315.730

Inverse Universe

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



17, 40.316, 12.507



24, 48.827, 14.373



33, 53.288, 138.704



17, 2.478, 353.411



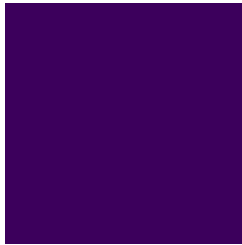
22, 45.756, 13.790



50, 81.673, 17.635

Previews

White Background



This preview shows how the CIE LCh color 14, 57.120, 316.595 looks on a white background.

Color Contrast Check

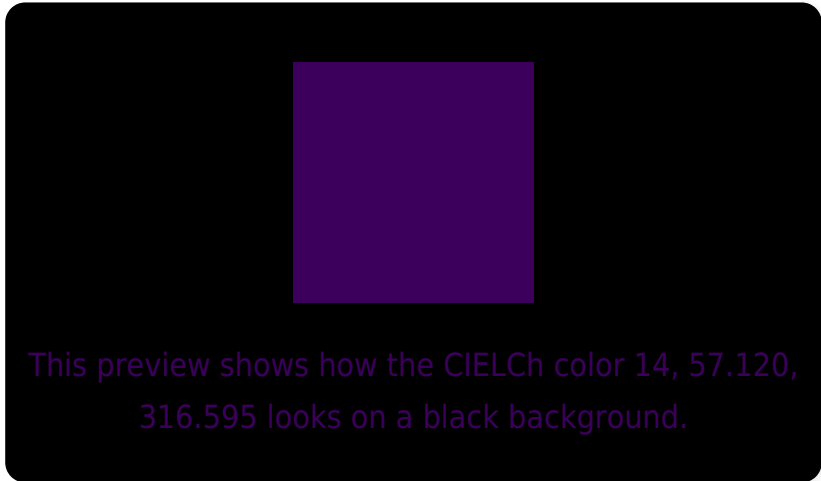
Large Text (above 18pt) WCAG AA ✓ Pass

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

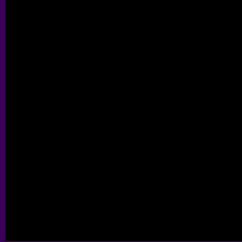
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 57.120, 316.595

Background



This preview shows how black text looks on a background with the CIELCh color 14, 57.120, 316.595.



This preview shows how white text looks on a background with the CIELCh color 14, 57.120, 316.595.

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, 57.120, 316.595

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 21.938, 268.193



Tritanopia
16, 7.260, 4.606

Trichromacy



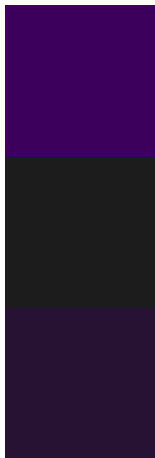
Original Color
14, 57.120, 316.595

Protanomaly
12, 43.153, 300.360

Deuteranomaly
12, 37.091, 298.264

Tritanomaly
14, 27.148, 323.632

Monochromacy



Original Color
14, 57.120, 316.595

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 25.351, 316.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 57.120, 316.595 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(60, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 92)  
}
```

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(60, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 57.120, 316.595 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(60, 0, 92) }
```

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

```
.border{ border-color:rgb(60, 0, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 0, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 0, 92); box-shadow:4px  
4px 4px 4px rgb(60, 0, 92) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 57.120, 316.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 92) }
```

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

```
.background{ background-color: rgb(60, 0,  
92) }
```

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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