

Converting Colors

CIELCh(14, 74.552, 308.666)

Have a look what the booklet for
CIELCh(14, 74.552, 308.666)
contains.

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Color

CIELCh(14, 74.514, 308.633)

Conversions

Conversions Part 1

Format	Color
Hex	230079
RGB	35, 0, 121
RGB Percent	14%, 0%, 47%
CMY	0.8609, 1.0000, 0.5270
CMYK	0.71, 1.00, 0.00, 0.53
HSL	258°, 100%, 24%
HSV	258°, 100%, 47%
XYZ	4.1335, 1.7298, 18.0816
YIQ	24.2590, -17.9810, 45.0510

Conversions

Conversions Part 2

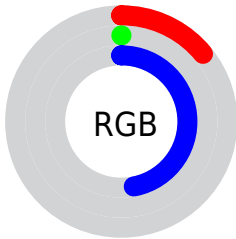
Format	Color
RYB	35, 0, 121
Decimal	2293881
CIELab	14.00, 46.52, -58.21
CIELCh	14, 74.514, 308.633
Yxy	1.7298, 0.1726, 0.0722
Android (android.graphics.Color)	4280483961 (0xFF230079)
YUV	24.2590, 47.6933, 9.4199
Hunter-Lab	13.1521, 33.0838, -72.3060

Details

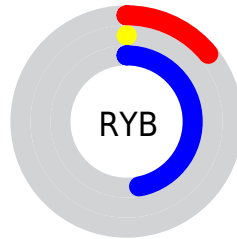
The CIELCh color **14, 74.514, 308.633** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **46, 58.461, 119.072**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **34, 75.086, 308.522**, and **4, 49.795, 303.778** is the 20% darker color. If you saturate the color by 10%, you get **14, 74.384, 308.591**, and if you desaturate by 10%, it is **16, 69.054, 308.206**.

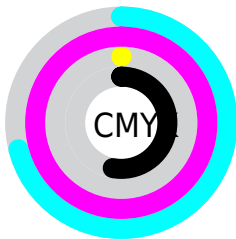
Distribution



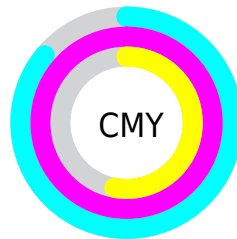
- Red (14%)
- Green (0%)
- Blue (47%)



- Red (14%)
- Yellow (0%)
- Blue (47%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 74.514, 308.633 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, 74.514, 308.633 by changing the saturation by 10% instead.

■ 14, 74.514,
308.633

■ 14, 74.514,
308.633

■ 100, 74.514,
308.633

■ 4, 74.514, 308.633

■ 34, 74.514,
308.633

■ 0, 74.514, 308.633

■ 44, 74.514,
308.633

■ 54, 74.514,
308.633

■ 64, 74.514,
308.633

■ 74, 74.514,
308.633


■ 84, 74.514,


308.633


 94, 74.514,
308.633


 14, 74.514,
308.633


 14, 74.514,
308.633


 14, 74.384,
308.591

 16, 69.054,
308.206

 19, 62.837,
307.743

 22, 55.362,
307.000

 26, 47.271,
306.124

 30, 38.990,
305.219

■ 34, 30.761,
304.346

■ 38, 22.708,
303.536

■ 42, 14.888,
302.804

■ 47, 7.320, 302.151

Harmonies

Complementary

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



14, 74.514, 308.633



46, 58.461, 119.072

Rectangle

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



14, 74.514, 308.633



14, 74.514, 358.633



14, 74.514, 128.633



14, 74.514, 178.633

Sweetspot

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



14, 74.384, 308.591



49, 27.998, 303.592



34, 27.055, 250.930



23, 19.357, 303.862



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



14, 74.384, 308.591



20, 89.716, 308.371



23, 67.780, 320.396



23, 4.167, 302.095



15, 76.327, 308.557



35, 129.291, 308.083

Inverse Universe

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



26, 53.628, 343.687



34, 64.211, 344.176



44, 67.076, 134.056



24, 4.012, 334.602



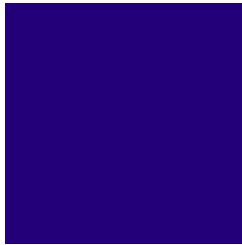
27, 54.967, 343.761



56, 91.618, 344.872

Previews

White Background



This preview shows how the CIELCh color 14, 74.514, 308.633 looks on a white background.

Color Contrast Check

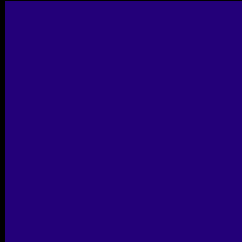
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.514, 308.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

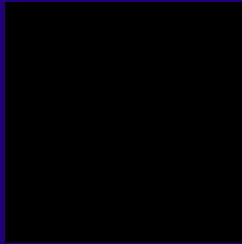
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 74.514, 308.633

Background



This preview shows how black text looks on a background with the CIELCh color 14, 74.514, 308.633.



This preview shows how white text looks on a background with the CIELCh color 14, 74.514, 308.633.

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, 74.619, 308.523

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 20.819, 265.514



Tritanopia
16, 14.262, 205.201

Trichromacy



Original Color
14, 74.619, 308.523

Protanomaly
13, 49.716, 299.889

Deuteranomaly
13, 43.196, 297.633

Tritanomaly
12, 33.075, 292.941

Monochromacy



Original Color
14, 74.619, 308.523

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 32.599, 306.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 74.514, 308.633 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(35, 0, 121)` looks like.

```
.text, #text, p{  
    color:rgb(35, 0, 121)  
}
```

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(35, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 0, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 74.514, 308.633 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(35, 0, 121) }
```

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

```
.border{ border-color:rgb(35, 0, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 0, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 0, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 0, 121);  
box-shadow:4px 4px 4px 4px rgb(35, 0, 121)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 74.514, 308.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 0, 121) }
```

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

```
.background{ background-color: rgb(35, 0,  
121) }
```

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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