

Converting Colors

CIELCh(14, 74.122, 308.511)

Have a look what the booklet for
CIELCh(14, 74.122, 308.511)
contains.

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Color

CIELCh(14, 74.139, 308.563)

Conversions

Conversions Part 1

Format	Color
Hex	230078
RGB	35, 0, 120
RGB Percent	14%, 0%, 47%
CMY	0.8614, 0.9992, 0.5284
CMYK	0.71, 1.00, 0.00, 0.53
HSL	258°, 100%, 24%
HSV	258°, 100%, 47%
XYZ	4.1120, 1.7298, 17.9652
YIQ	24.1450, -17.6600, 44.7400

Conversions

Conversions Part 2

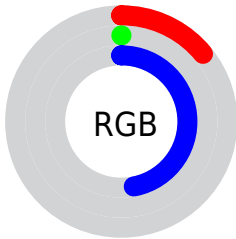
Format	Color
R_YB	35, 0, 120
Decimal	2293880
CIE Lab	14.00, 46.22, -57.97
CIE LCh	14, 74.139, 308.563
Yxy	1.7298, 0.1727, 0.0727
Android (android.graphics.Color)	4280483960 (0xFF230078)
YUV	24.1450, 47.2565, 9.5198
Hunter-Lab	13.1521, 32.7925, -71.7812

Details

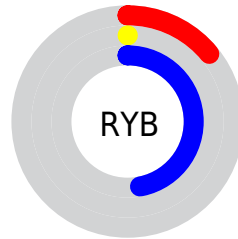
The CIELCh color **14, 74.139, 308.563** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **46, 58.258, 118.991**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **34, 74.553, 308.579**, and **4, 49.042, 303.550** is the 20% darker color. If you saturate the color by 10%, you get **14, 74.237, 308.575**, and if you desaturate by 10%, it is **16, 68.812, 308.176**.

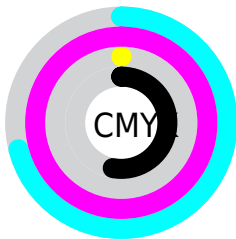
Distribution



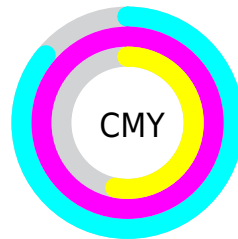
- Red (14%)
- Green (0%)
- Blue (47%)



- 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, 74.139, 308.563 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, 74.139, 308.563 by changing the saturation by 10% instead.

 14, 74.139,
308.563

 14, 74.139,
308.563

 100, 74.139,
308.563

 4, 74.139, 308.563

 34, 74.139,
308.563

 0, 74.139, 308.563

 44, 74.139,
308.563

 54, 74.139,
308.563


 64, 74.139,
308.563


 74, 74.139,
308.563


 84, 74.139,


308.563


 94, 74.139,
308.563


 14, 74.139,
308.563


 14, 74.139,
308.563


 14, 74.237,
308.575

 16, 68.812,
308.176

 19, 62.573,
307.701

 22, 55.095,
306.950

 26, 47.014,
306.069

 30, 38.751,
305.160

■ 34, 30.544,
304.285

■ 38, 22.515,
303.474

■ 42, 14.720,
302.742

■ 46, 7.176, 302.088

Harmonies

Complementary

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



14, 74.139, 308.563



46, 58.258, 118.991

Rectangle

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



14, 74.139, 308.563



14, 74.139, 358.563



14, 74.139, 128.563



14, 74.139, 178.563

Sweetspot

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



14, 74.140, 308.564



49, 27.994, 303.544



34, 26.968, 250.848



23, 19.355, 303.814



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, 74.140, 308.564



20, 89.738, 308.352



23, 67.578, 320.402



23, 4.166, 302.042



15, 76.346, 308.538



35, 129.321, 308.065

Inverse Universe

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



26, 53.537, 343.557



34, 64.270, 344.074



44, 66.872, 134.057



24, 4.016, 334.544



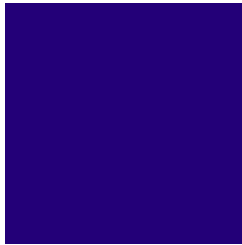
27, 55.018, 343.661



56, 91.704, 344.765

Previews

White Background



This preview shows how the CIE LCh color 14, 74.139, 308.563 looks on a white background.

Color Contrast Check

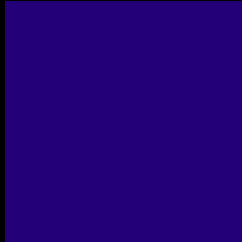
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.139, 308.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

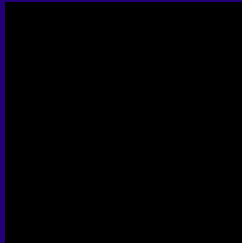
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 74.139, 308.563

Background



This preview shows how black text looks on a background with the CIELCh color 14, 74.139, 308.563.



This preview shows how white text looks on a background with the CIELCh color 14, 74.139, 308.563.

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, 74.139, 308.563

Protanopia

15, 29.953, 282.097

Deuteranopia

16, 20.819, 265.514



Tritanopia
16, 14.262, 205.201

Trichromacy



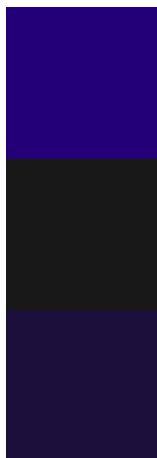
Original Color
14, 74.139, 308.563

Protanomaly
13, 49.716, 299.889

Deuteranomaly
13, 43.196, 297.633

Tritanomaly
12, 33.075, 292.941

Monochromacy



Original Color
14, 74.139, 308.563

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, 74.139, 308.563 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(35, 0, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 0, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 74.139, 308.563 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, 120) }
```

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

```
.border{ border-color:rgb(35, 0, 120) }
```

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, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(35, 0, 120)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 74.139, 308.563 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, 120) }
```

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

```
.background{ background-color: rgb(35, 0,  
120) }
```

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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