

Converting Colors

CIELCh(14, 71.925, 305.294)

Have a look what the booklet for
CIELCh(14, 71.925, 305.294)
contains.

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Color

CIELCh(14, 71.722, 305.242)

Conversions

Conversions Part 1

Format	Color
Hex	0F0B79
RGB	15, 11, 121
RGB Percent	6%, 4%, 47%
CMY	0.9400, 0.9564, 0.5250
CMYK	0.87, 0.91, 0.00, 0.52
HSL	242°, 83%, 26%
HSV	242°, 91%, 48%
XYZ	3.7818, 1.7298, 18.2646
YIQ	24.7360, -32.9260, 35.0580

Conversions

Conversions Part 2

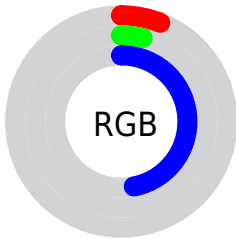
Format	Color
R_{YB}	15, 11, 121
Decimal	985977
CIE _{Lab}	14.00, 41.39, -58.58
CIE _{LCh}	14, 71.722, 305.242
Yxy	1.7298, 0.1591, 0.0728
Android (android.graphics.Color)	4279176057 (0xFF0F0B79)
YUV	24.7360, 47.4582, -8.5385
Hunter-Lab	13.1521, 28.3105, -73.1307

Details

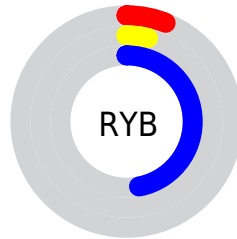
The CIELCh color **14, 71.722, 305.242** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **49, 53.719, 105.261**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **34, 71.905, 305.252**, and **4, 49.795, 303.778** is the 20% darker color. If you saturate the color by 10%, you get **12, 76.916, 306.472**, and if you desaturate by 10%, it is **17, 65.061, 303.760**.

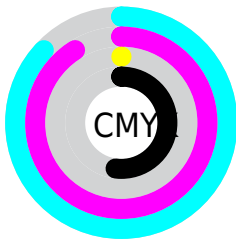
Distribution



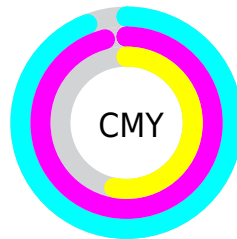
- Red (6%)
- Green (4%)
- Blue (47%)



- Red (6%)
- Yellow (4%)
- Blue (47%)



- Cyan (87%)
- Magenta (91%)
- Yellow (0%)
- Black (52%)





- Cyan (94%)
- Magenta (96%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 71.722, 305.242 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, 71.722, 305.242 by changing the saturation by 10% instead.

 14, 71.722,
305.242

 14, 71.722,
305.242

 100, 71.722,
305.242

 4, 71.722, 305.242


 34, 71.722,
305.242

 0, 71.722, 305.242

 44, 71.722,
305.242


 54, 71.722,
305.242


 64, 71.722,
305.242


 74, 71.722,
305.242


 84, 71.722,


305.242


 94, 71.722,
305.242

 14, 71.722,
305.242


 14, 71.722,
305.242

 12, 76.916,
306.472

 17, 65.061,
303.760

 20, 56.952,
301.924

 24, 48.311,
299.999

 28, 39.660,
298.160

 33, 31.233,
296.495

■ 37, 23.109,
295.032

■ 42, 15.302,
293.766

■ 46, 7.801, 292.680

■ 51, 0.586, 291.803

Harmonies

Complementary

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



14, 71.722, 305.242



49, 53.719, 105.261

Rectangle

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



14, 71.722, 305.242



14, 71.722, 355.242



14, 71.722, 125.242



14, 71.722, 175.242

Sweetspot

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



14, 71.723, 305.243



50, 25.017, 294.612



45, 27.071, 201.259



24, 16.855, 294.964



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, 71.723, 305.243



18, 93.408, 306.423



20, 67.238, 313.304



23, 4.083, 292.508



13, 78.660, 306.466



32, 132.635, 306.363

Inverse Universe

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



28, 62.741, 329.531



37, 78.505, 329.783



45, 60.124, 127.976



24, 4.805, 325.930



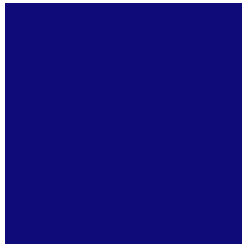
29, 66.198, 329.749



59, 111.262, 329.834

Previews

White Background



This preview shows how the CIELCh color 14, 71.722, 305.242 looks on a white background.

Color Contrast Check

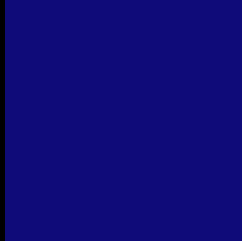
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.722, 305.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

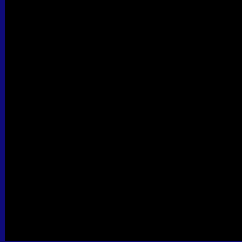
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 71.722, 305.242

Background



This preview shows how black text looks on a background with the CIELCh color 14, 71.722, 305.242.



This preview shows how white text looks on a background with the CIELCh color 14, 71.722, 305.242.

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, 71.722, 305.242

Protanopia

15, 28.727, 281.266

Deuteranopia

15, 20.202, 265.486



Tritanopia
15, 13.965, 202.420

Trichromacy



Original Color
14, 71.722, 305.242

Protanomaly
14, 45.686, 296.643

Deuteranomaly
13, 39.759, 294.060

Tritanomaly
13, 29.595, 287.104

Monochromacy



Original Color
14, 71.722, 305.242

Achromatopsia
9, 0.002, 296.813

Achromatomaly
9, 29.573, 299.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 71.722, 305.242 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(15, 11, 121)` looks like.

```
.text, #text, p{  
    color:rgb(15, 11, 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(15, 11, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 11, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 71.722, 305.242 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(15, 11, 121) }
```

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

```
.border{ border-color:rgb(15, 11, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 11, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 11, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 11, 121);  
box-shadow:4px 4px 4px 4px rgb(15, 11,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 71.722, 305.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 11, 121) }
```

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

```
.background{ background-color: rgb(15, 11,  
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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