

Converting Colors

CIELCh(11, 84.172, 310.711)

Have a look what the booklet for
CIELCh(11, 84.172, 310.711)
contains.

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Color

CIELCh(14, 75.123, 308.015)

Conversions

Conversions Part 1

Format	Color
Hex	20017A
RGB	32, 1, 122
RGB Percent	13%, 0%, 48%
CMY	0.8758, 0.9964, 0.5211
CMYK	0.74, 0.99, 0.00, 0.52
HSL	255°, 99%, 24%
HSV	255°, 99%, 48%
XYZ	4.1155, 1.7298, 18.5686
YIQ	24.0630, -20.3650, 44.2030

Conversions

Conversions Part 2

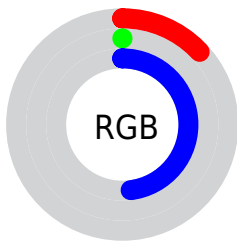
Format	Color
RYB	32, 1, 122
Decimal	2097530
CIELab	14.00, 46.27, -59.19
CIElCh	14, 75.123, 308.015
Yxy	1.7298, 0.1686, 0.0709
Android (android.graphics.Color)	4280287610 (0xFF20017A)
YUV	24.0630, 48.2829, 6.9607
Hunter-Lab	13.1521, 32.8397, -74.5013

Details

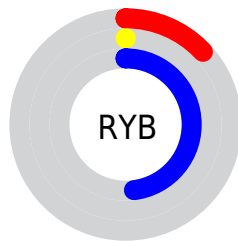
The CIELCh color **14, 75.123, 308.015** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **47, 58.126, 117.075**, and the grayscale version is **8, 0.002, 296.812**.

A 20% lighter version of the original color is **34, 75.089, 308.105**, and **4, 50.540, 303.992** is the 20% darker color. If you saturate the color by 10%, you get **14, 75.561, 308.073**, and if you desaturate by 10%, it is **16, 69.700, 307.526**.

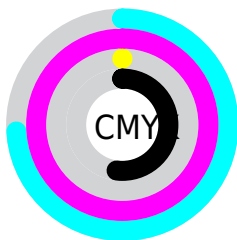
Distribution



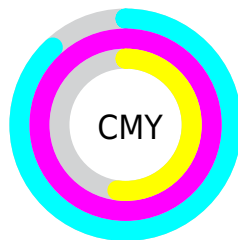
- Red (13%)
- Green (0%)
- Blue (48%)



- Red (13%)
- Yellow (0%)
- Blue (48%)



- Cyan (74%)
- Magenta (99%)
- Yellow (0%)
- Black (52%)





- Cyan (88%)
- Magenta (100%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 75.123, 308.015 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, 75.123, 308.015 by changing the saturation by 10% instead.

 14, 75.123,
308.015


 14, 75.123,
308.015


 100, 75.123,
308.015


 4, 75.123, 308.015


 34, 75.123,
308.015

 0, 75.123, 308.015

 44, 75.123,
308.015


 54, 75.123,
308.015


 64, 75.123,
308.015


 74, 75.123,
308.015


 84, 75.123,


308.015


 94, 75.123,
308.015


 14, 75.123,
308.015


 14, 75.123,
308.015


 14, 75.561,
308.073

 16, 69.700,
307.526

 19, 63.172,
306.895

 23, 55.426,
305.993

 26, 47.129,
304.979

 30, 38.703,
303.958

■ 35, 30.376,
302.991

■ 39, 22.258,
302.107

■ 43, 14.395,
301.316

■ 47, 6.799, 300.616

Harmonies

Complementary

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



14, 75.123, 308.015



47, 58.126, 117.075

Rectangle

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



14, 75.123, 308.015



14, 75.123, 358.015



14, 75.123, 128.015



14, 75.123, 178.015

Sweetspot

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



14, 75.124, 308.016



49, 28.272, 302.231



36, 26.197, 244.149



23, 19.293, 302.523



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, 75.124, 308.016



20, 91.404, 307.872



23, 68.484, 319.303



23, 4.146, 300.604



14, 76.836, 308.053



34, 130.112, 307.624

Inverse Universe

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



27, 55.439, 340.923



35, 66.743, 341.408



45, 67.011, 133.573



24, 4.130, 333.010



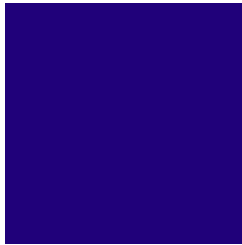
27, 56.454, 341.053



57, 94.163, 341.943

Previews

White Background



This preview shows how the CIE LCh color 14, 75.123, 308.015 looks on a white background.

Color Contrast Check

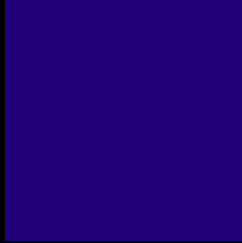
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.123, 308.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

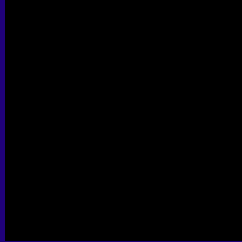
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 75.123, 308.015

Background



This preview shows how black text looks on a background with the CIELCh color 14, 75.123, 308.015.



This preview shows how white text looks on a background with the CIELCh color 14, 75.123, 308.015.

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, 75.000, 308.041

Protanopia

15, 29.953, 282.097

Deuteranopia

16, 20.819, 265.514



Tritanopia
15, 14.371, 202.208

Trichromacy



Original Color
14, 75.000, 308.041

Protanomaly
13, 49.025, 299.296

Deuteranomaly
13, 43.862, 297.651

Tritanomaly
12, 33.096, 292.661

Monochromacy



Original Color
14, 75.000, 308.041

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 32.545, 305.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 75.123, 308.015 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(32, 1, 122)` looks like.

```
.text, #text, p{  
    color:rgb(32, 1, 122)  
}
```

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(32, 1, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 1, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 75.123, 308.015 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(32, 1, 122) }
```

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

```
.border{ border-color:rgb(32, 1, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 1, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 1, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 1, 122);  
box-shadow:4px 4px 4px 4px rgb(32, 1, 122)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 75.123, 308.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 1, 122) }
```

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

```
.background{ background-color: rgb(32, 1,  
122) }
```

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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