

Converting Colors

CIELCh(14, 60.026, 308.318)

Have a look what the booklet for
CIELCh(14, 60.026, 308.318)
contains.

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Color

CIELCh(14, 60.026, 308.318)

Conversions

Conversions Part 1

Format	Color
Hex	290D68
RGB	41, 13, 104
RGB Percent	16%, 5%, 41%
CMY	0.8411, 0.9507, 0.5938
CMYK	0.61, 0.88, 0.00, 0.59
HSL	258°, 78%, 23%
HSV	258°, 88%, 41%
XYZ	3.5115, 1.7298, 13.1340
YIQ	31.7460, -12.5230, 34.2370

Conversions

Conversions Part 2

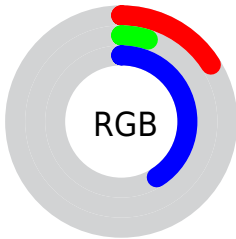
Format	Color
R_{YB}	41, 13, 104
Decimal	2690408
CIE _{Lab}	14.00, 37.22, -47.10
CIE _{LCh}	14, 60.026, 308.318
Y _{xy}	1.7298, 0.1911, 0.0941
Android (android.graphics.Color)	4280880488 (0xFF290D68)
YUV	31.7460, 35.6212, 8.1158
Hunter-Lab	13.1521, 24.6416, -50.0020

Details

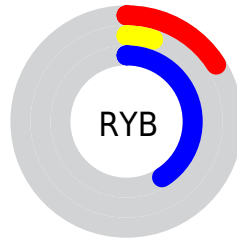
The CIELCh color **14, 60.026, 308.318** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **40, 49.008, 118.948**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 59.940, 308.273**, and **3, 37.727, 298.710** is the 20% darker color. If you saturate the color by 10%, you get **12, 65.229, 308.769**, and if you desaturate by 10%, it is **17, 54.116, 307.791**.

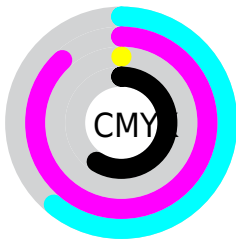
Distribution



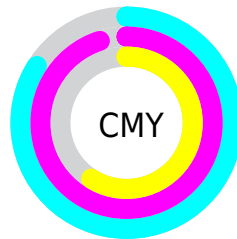
- Red (16%)
- Green (5%)
- Blue (41%)



- Red (16%)
- Yellow (5%)
- Blue (41%)



- Cyan (61%)
- Magenta (88%)
- Yellow (0%)
- Black (59%)



- Cyan (84%)
- Magenta (95%)
- Yellow (59%)
- Black (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 60.026, 308.318 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, 60.026, 308.318 by changing the saturation by 10% instead.

■ 14, 60.026,
308.318

■ 14, 60.026,
308.318

■ 100, 60.026,
308.318

■ 4, 60.026, 308.318

■ 34, 60.026,
308.318

■ 0, 60.026, 308.318

■ 44, 60.026,
308.318


■ 54, 60.026,
308.318


■ 64, 60.026,
308.318


■ 74, 60.026,
308.318


■ 84, 60.026,


308.318


 94, 60.026,
308.318


 14, 60.026,
308.318


 14, 60.026,
308.318


 12, 65.229,
308.769


 17, 54.116,
307.791

 11, 66.466,
308.935

 20, 47.320,
307.044

 23, 40.120,
306.203

 26, 32.825,
305.350

 30, 25.606,
304.535

■ 34, 18.551,
303.781

■ 37, 11.699,
303.099

■ 41, 5.066, 302.489

■ 45, 1.350, 121.983

Harmonies

Complementary

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



14, 60.026, 308.318



40, 49.008, 118.948

Rectangle

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



14, 60.026, 308.318



14, 60.026, 358.318



14, 60.026, 128.318



14, 60.026, 178.318

Sweetspot

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



14, 60.026, 308.319



45, 21.502, 303.702



30, 22.870, 248.341



21, 14.749, 303.881



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



14, 60.026, 308.319



17, 80.670, 308.660



21, 56.844, 321.292



19, 3.579, 302.550



13, 71.572, 308.820



34, 125.010, 308.266

Inverse Universe

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



23, 45.833, 342.431



29, 57.616, 344.837



38, 56.203, 134.332



20, 3.410, 335.109



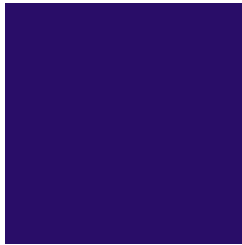
24, 51.384, 344.476



54, 88.108, 345.804

Previews

White Background



This preview shows how the CIE LCh color 14, 60.026, 308.318 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, 60.026, 308.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

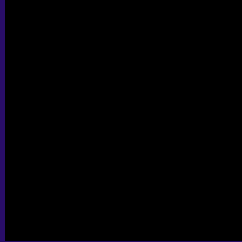
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 60.026, 308.318

Background



This preview shows how black text looks on a background with the CIELCh color 14, 60.026, 308.318.



This preview shows how white text looks on a background with the CIELCh color 14, 60.026, 308.318.

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, 60.026, 308.318

Protanopia

14, 28.780, 281.828

Deuteranopia

15, 20.202, 265.486



Tritanopia
15, 11.800, 211.119

Trichromacy



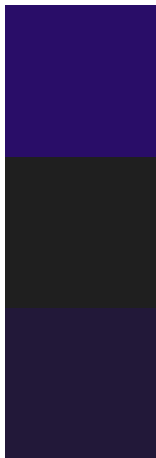
Original Color
14, 60.026, 308.318

Protanomaly
13, 41.753, 297.223

Deuteranomaly
13, 35.621, 294.197

Tritanomaly
13, 25.161, 289.538

Monochromacy



Original Color
14, 60.026, 308.318

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 24.309, 305.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 60.026, 308.318 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(41, 13, 104)` looks like.

```
.text, #text, p{  
    color:rgb(41, 13, 104)  
}
```

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(41, 13, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 13, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 60.026, 308.318 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(41, 13, 104) }
```

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

```
.border{ border-color:rgb(41, 13, 104) }
```

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

Here you see how a box with a 4 pixel rgb(41, 13, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 13, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 13, 104);  
box-shadow:4px 4px 4px 4px rgb(41, 13,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 60.026, 308.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 13, 104) }
```

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

```
.background{ background-color: rgb(41, 13,  
104) }
```

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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