

Converting Colors

CIELCh(14, 60.137, 314.482)

Have a look what the booklet for
CIELCh(14, 60.137, 314.482)
contains.

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Color

CIELCh(14, 60.137, 314.482)

Conversions

Conversions Part 1

Format	Color
Hex	380061
RGB	56, 0, 97
RGB Percent	22%, 0%, 38%
CMY	0.7788, 0.9986, 0.6181
CMYK	0.42, 1.00, 0.00, 0.62
HSL	275°, 99%, 19%
HSV	275°, 100%, 38%
XYZ	3.8320, 1.7298, 11.5334
YIQ	27.8020, 2.2390, 42.0390

Conversions

Conversions Part 2

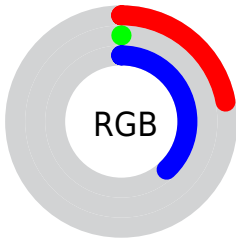
Format	Color
R_{YB}	56, 0, 97
Decimal	3670113
CIE _{Lab}	14.00, 42.14, -42.91
CIE _{LCh}	14, 60.137, 314.482
Yxy	1.7298, 0.2242, 0.1012
Android (android.graphics.Color)	4281860193 (0xFF380061)
YUV	27.8020, 34.1146, 24.7296
Hunter-Lab	13.1521, 28.9912, -42.7865

Details

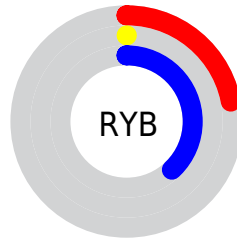
The CIELCh color **14, 60.137, 314.482** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36, 54.502, 129.400**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 60.473, 314.326**, and **2, 32.074, 296.031** is the 20% darker color. If you saturate the color by 10%, you get **14, 60.299, 314.485**, and if you desaturate by 10%, it is **16, 55.982, 314.569**.

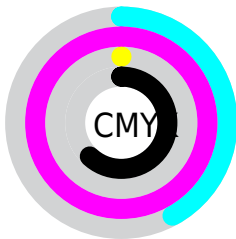
Distribution



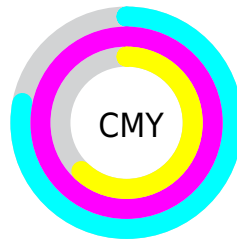
- Red (22%)
- Green (0%)
- Blue (38%)



- Red (22%)
- Yellow (0%)
- Blue (38%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)





- Cyan (78%)
- Magenta (100%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 60.137, 314.482 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, 60.137, 314.482 by changing the saturation by 10% instead.

 14, 60.137,
314.482

 14, 60.137,
314.482

 100, 60.137,
314.482

 4, 60.137, 314.482

 34, 60.137,
314.482

 0, 60.137, 314.482

 44, 60.137,
314.482

 54, 60.137,
314.482

 64, 60.137,
314.482


 74, 60.137,
314.482

 84, 60.137,


314.482


 94, 60.137,
314.482


 14, 60.137,
314.482


 14, 60.137,
314.482


 14, 60.299,
314.485

 16, 55.982,
314.569

 18, 51.497,
314.659

 20, 45.964,
314.521

 23, 39.742,
314.228

 26, 33.133,
313.843

■ 29, 26.355,
313.412

■ 32, 19.556,
312.966

■ 35, 12.828,
312.525

■ 38, 6.225, 312.099

Harmonies

Complementary

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



14, 60.137, 314.482



36, 54.502, 129.400

Rectangle

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



14, 60.137, 314.482



14, 60.137, 4.482



14, 60.137, 134.482



14, 60.137, 184.482

Sweetspot

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



14, 60.137, 314.482



41, 24.731, 313.023



18, 37.925, 287.022



19, 16.766, 313.150



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



14, 60.137, 314.482



20, 73.210, 314.153



21, 54.259, 330.883



18, 3.603, 312.066



17, 66.730, 314.301



41, 117.280, 313.624

Inverse Universe

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



19, 41.615, 6.041



26, 50.512, 7.770



35, 57.474, 137.161



18, 2.711, 348.732



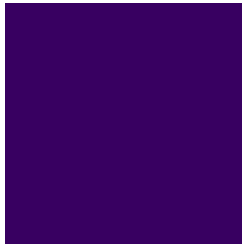
23, 46.084, 7.044



51, 80.768, 10.419

Previews

White Background



This preview shows how the CIE LCh color 14, 60.137, 314.482 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, 60.137, 314.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

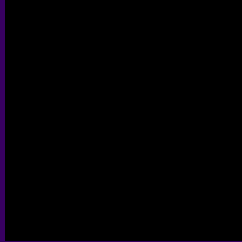
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 60.137, 314.482

Background



This preview shows how black text looks on a background with the CIELCh color 14, 60.137, 314.482.



This preview shows how white text looks on a background with the CIELCh color 14, 60.137, 314.482.

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

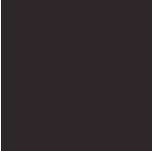
14, 60.137, 314.482

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 21.374, 266.887



Tritanopia
16, 3.596, 344.539

Trichromacy



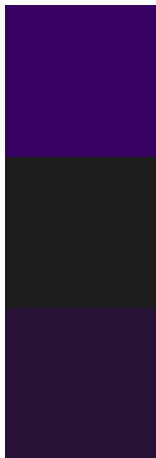
Original Color
14, 60.137, 314.482

Protanomaly
13, 44.461, 300.338

Deuteranomaly
12, 37.778, 298.105

Tritanomaly
14, 28.291, 316.616

Monochromacy



Original Color
14, 60.137, 314.482

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 26.500, 314.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 60.137, 314.482 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(56, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(56, 0, 97)  
}
```

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(56, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 0, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 60.137, 314.482 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(56, 0, 97) }
```

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

```
.border{ border-color:rgb(56, 0, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 0, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 0, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 0, 97); box-shadow:4px  
4px 4px 4px rgb(56, 0, 97) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 60.137, 314.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 0, 97) }
```

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

```
.background{ background-color: rgb(56, 0,  
97) }
```

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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