

Converting Colors

CIELCh(12, 69.493, 315.042)

Have a look what the booklet for
CIELCh(12, 69.493, 315.042)
contains.

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Color

CIELCh(14, 62.927, 313.218)

Conversions

Conversions Part 1

Format	Color
Hex	360066
RGB	54, 0, 102
RGB Percent	21%, 0%, 40%
CMY	0.7891, 1.0000, 0.6008
CMYK	0.47, 1.00, 0.00, 0.60
HSL	272°, 100%, 20%
HSV	272°, 100%, 40%
XYZ	3.8963, 1.7298, 12.6469
YIQ	27.7740, -0.5580, 43.1700

Conversions

Conversions Part 2

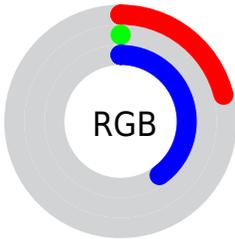
Format	Color
R_{YB}	54, 0, 102
Decimal	3539046
CIE _{Lab}	14.00, 43.09, -45.86
CIE _{LCh}	14, 62.927, 313.218
Yxy	1.7298, 0.2132, 0.0947
Android (android.graphics.Color)	4281729126 (0xFF360066)
YUV	27.7740, 36.5934, 23.0002
Hunter-Lab	13.1521, 29.8640, -47.8062

Details

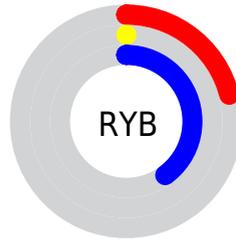
The CIELCh color **14, 62.927, 313.218** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **38, 55.583, 128.032**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 63.111, 313.245**, and **2, 36.099, 297.925** is the 20% darker color. If you saturate the color by 10%, you get **14, 62.852, 313.196**, and if you desaturate by 10%, it is **16, 58.464, 313.243**.

Distribution



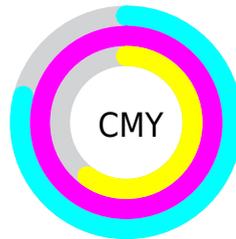
- Red (21%)
- Green (0%)
- Blue (40%)



- Red (21%)
- Yellow (0%)
- Blue (40%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (79%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 62.927, 313.218 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, 62.927, 313.218 by changing the saturation by 10% instead.

 14, 62.927,
313.218

 14, 62.927,
313.218

 100, 62.927,
313.218

 4, 62.927, 313.218

 34, 62.927,
313.218

 0, 62.927, 313.218

 44, 62.927,
313.218

 54, 62.927,
313.218

 64, 62.927,
313.218

 74, 62.927,
313.218

 84, 62.927,

313.218

 94, 62.927,
313.218

 14, 62.927,
313.218

 14, 62.927,
313.218

 14, 62.852,
313.196

 16, 58.464,
313.243

 18, 53.718,
313.299

 21, 47.878,
313.111

 23, 41.345,
312.764

 27, 34.442,
312.328

■ 30, 27.399,
311.851

■ 33, 20.363,
311.368

■ 36, 13.422,
310.898

■ 40, 6.628, 310.450

Harmonies

Complementary

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



14, 62.927, 313.218



38, 55.583, 128.032

Rectangle

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



14, 62.927, 313.218



14, 62.927, 3.218



14, 62.927, 133.218



14, 62.927, 183.218

Sweetspot

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



14, 62.852, 313.196



43, 25.325, 311.410



21, 35.966, 282.924



20, 17.188, 311.551



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



14, 62.852, 313.196



20, 76.111, 312.873



23, 58.169, 328.868



19, 3.722, 310.403



17, 68.504, 313.040



40, 119.505, 312.370

Inverse Universe

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



20, 43.188, 1.966



28, 52.051, 3.346



37, 60.633, 136.288



19, 2.923, 345.867



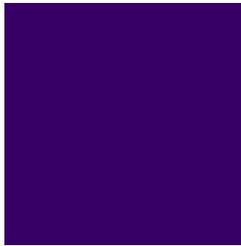
23, 46.961, 2.625



52, 81.222, 5.586

Previews

White Background



This preview shows how the CIELCh color 14, 62.927, 313.218 looks on a white background.

Color Contrast Check

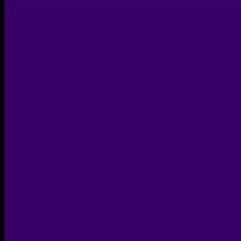
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 14, 62.927, 313.218 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, 62.927, 313.218

Background



This preview shows how black text looks on a background with the CIELCh color 14, 62.927, 313.218.



This preview shows how white text looks on a background with the CIELCh color 14, 62.927, 313.218.

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

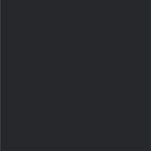
14, 62.927, 313.218

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 21.374, 266.887



Tritanopia
16, 2.146, 278.174

Trichromacy



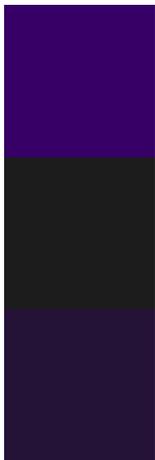
Original Color
14, 62.927, 313.218

Protanomaly
13, 45.760, 300.340

Deuteranomaly
12, 39.121, 298.140

Tritanomaly
13, 28.514, 311.387

Monochromacy



Original Color
14, 62.927, 313.218

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 27.750, 312.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 62.927, 313.218 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(54, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(54, 0, 102)  
}
```

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(54, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 0, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 62.927, 313.218 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(54, 0, 102) }
```

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

```
.border{ border-color:rgb(54, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(54, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 62.927, 313.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 0, 102) }
```

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

```
.background{ background-color: rgb(54, 0,  
102) }
```

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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