

Converting Colors

CIELCh(14, 48.682, 323.478)

Have a look what the booklet for
CIELCh(14, 48.682, 323.478)
contains.

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Color

CIELCh(14, 48.563, 323.604)

Conversions

Conversions Part 1

Format	Color
Hex	43014D
RGB	67, 1, 77
RGB Percent	26%, 0%, 30%
CMY	0.7384, 0.9972, 0.6992
CMYK	0.13, 0.99, 0.00, 0.70
HSL	292°, 98%, 15%
HSV	292°, 99%, 30%
XYZ	3.6313, 1.7298, 7.1105
YIQ	29.3980, 14.9400, 37.6280

Conversions

Conversions Part 2

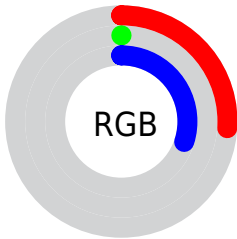
Format	Color
RYB	67, 1, 77
Decimal	4391245
CIELab	14.00, 39.09, -28.82
CIElCh	14, 48.563, 323.604
Yxy	1.7298, 0.2912, 0.1387
Android (android.graphics.Color)	4282581325 (0xFF43014D)
YUV	29.3980, 23.4678, 32.9770
Hunter-Lab	13.1521, 26.2673, -22.8478

Details

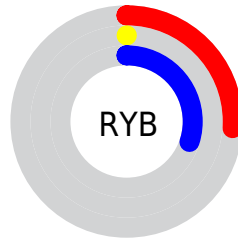
The CIELCh color **14, 48.563, 323.604** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 48.892, 134.652**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 48.490, 323.388**, and **2, 18.995, 302.077** is the 20% darker color. If you saturate the color by 10%, you get **14, 48.866, 323.611**, and if you desaturate by 10%, it is **15, 45.443, 323.566**.

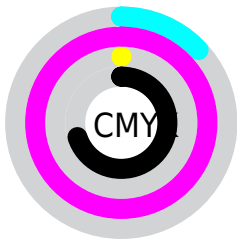
Distribution



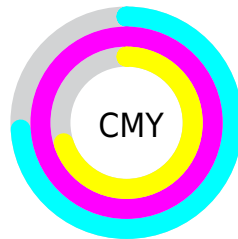
- Red (26%)
- Green (0%)
- Blue (30%)



- Red (26%)
- Yellow (0%)
- Blue (30%)



- Cyan (13%)
- Magenta (99%)
- Yellow (0%)
- Black (70%)



- Cyan (74%)
- Magenta (100%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 48.563, 323.604 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, 48.563, 323.604 by changing the saturation by 10% instead.

 14, 48.563,
323.604

 14, 48.563,
323.604

 100, 48.563,
323.604

 4, 48.563, 323.604

 34, 48.563,
323.604

 0, 48.563, 323.604

 44, 48.563,
323.604


 54, 48.563,
323.604

 64, 48.563,
323.604


 74, 48.563,
323.604


 84, 48.563,


323.604


 94, 48.563,
323.604


 14, 48.563,
323.604


 14, 48.563,
323.604


 14, 48.866,
323.611

 15, 45.443,
323.566

 16, 42.233,
323.538

 18, 38.160,
323.390

 19, 33.387,
323.142

 21, 28.116,
322.819

■ 24, 22.532,
322.444

■ 26, 16.780,
322.037

■ 28, 10.973,
321.611

■ 30, 5.190, 321.173

Harmonies

Complementary

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



14, 48.563, 323.604



28, 48.892, 134.652

Rectangle

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



14, 48.563, 323.604



14, 48.563, 13.604



14, 48.563, 143.604



14, 48.563, 193.604

Sweetspot

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



14, 48.562, 323.604



33, 21.466, 322.121



7, 47.816, 301.743



15, 14.766, 322.216



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



14, 48.562, 323.604



20, 58.467, 323.448



14, 37.702, 347.301



14, 3.182, 321.154



20, 59.518, 323.434



49, 107.814, 323.101

Inverse Universe

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



13, 37.464, 25.896



19, 46.811, 30.092



28, 39.925, 145.753



14, 1.938, 9.179



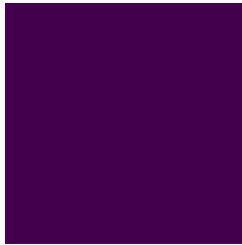
19, 47.792, 30.403



48, 90.474, 34.787

Previews

White Background



This preview shows how the CIELCh color 14, 48.563, 323.604 looks on a white background.

Color Contrast Check

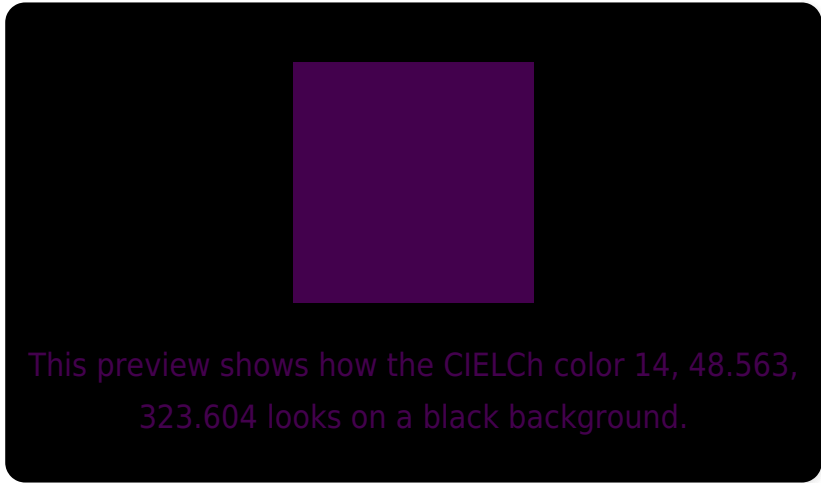
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

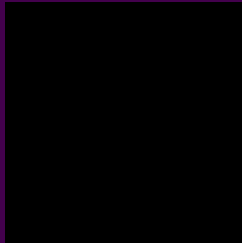
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 48.563, 323.604

Background



This preview shows how black text looks on a background with the CIELCh color 14, 48.563, 323.604.



This preview shows how white text looks on a background with the CIELCh color 14, 48.563, 323.604.

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, 48.563, 323.604

Protanopia

15, 30.593, 282.748

Tritanopia

16, 16.227, 19.234

Trichromacy

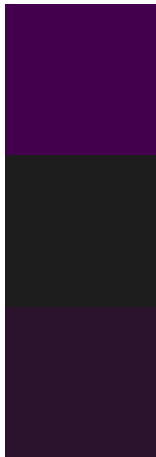


Original Color
14, 48.563, 323.604

Protanomaly
12, 39.209, 300.291

Tritanomaly
14, 26.652, 341.387

Monochromacy



Original Color
14, 48.563, 323.604

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 21.876, 323.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 48.563, 323.604 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(67, 1, 77)` looks like.

```
.text, #text, p{  
    color:rgb(67, 1, 77)  
}
```

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(67, 1, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 1, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 48.563, 323.604 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(67, 1, 77) }
```

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

```
.border{ border-color:rgb(67, 1, 77) }
```

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

Here you see how a box with a 4 pixel rgb(67, 1, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 1, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 1, 77); box-shadow:4px  
4px 4px 4px rgb(67, 1, 77) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 48.563, 323.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 1, 77) }
```

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

```
.background{ background-color: rgb(67, 1,  
77) }
```

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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