

Converting Colors

CIELCh(14, 52.629, 298.758)

Have a look what the booklet for
CIELCh(14, 52.629, 298.758)
contains.

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Color

CIELCh(14, 52.827, 298.882)

Conversions

Conversions Part 1

Format	Color
Hex	031A66
RGB	3, 26, 102
RGB Percent	1%, 10%, 40%
CMY	0.9867, 0.8975, 0.5993
CMYK	0.97, 0.74, 0.00, 0.60
HSL	226°, 94%, 21%
HSV	226°, 97%, 40%
XYZ	2.8220, 1.7298, 12.8023
YIQ	27.7870, -38.1040, 18.7600

Conversions

Conversions Part 2

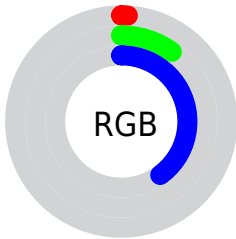
Format	Color
RYB	3, 22, 102
Decimal	203366
CIELab	14.00, 25.52, -46.26
CIELCh	14, 52.827, 298.882
Yxy	1.7298, 0.1626, 0.0997
Android (android.graphics.Color)	4278393446 (0xFF031A66)
YUV	27.7870, 36.5870, -21.7382
Hunter-Lab	13.1521, 15.2844, -48.5065

Details

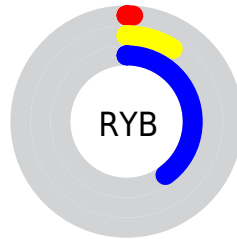
The CIELCh color **14, 52.827, 298.882** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35, 42.312, 86.721**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 52.991, 298.840**, and **3, 33.780, 296.179** is the 20% darker color. If you saturate the color by 10%, you get **13, 54.742, 299.676**, and if you desaturate by 10%, it is **16, 46.925, 296.084**.

Distribution



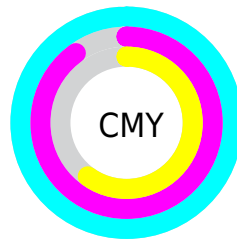
- Red (1%)
- Green (10%)
- Blue (40%)



- Red (1%)
- Yellow (9%)
- Blue (40%)



- Cyan (97%)
- Magenta (74%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (90%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 52.827, 298.882 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, 52.827, 298.882 by changing the saturation by 10% instead.

■ 14, 52.827,
298.882

■ 14, 52.827,
298.882

■ 100, 52.827,
298.882

■ 4, 52.827, 298.882

■ 34, 52.827,
298.882

■ 0, 52.827, 298.882

■ 44, 52.827,
298.882

■ 54, 52.827,
298.882

■ 64, 52.827,
298.882


■ 74, 52.827,
298.882


■ 84, 52.827,


298.882


 94, 52.827,
298.882


 14, 52.827,
298.882


 14, 52.827,
298.882


 13, 54.742,
299.676

 16, 46.925,
296.084

 19, 40.957,
293.154

 22, 35.082,
290.381

 25, 29.372,
287.860

 28, 23.840,
285.627

■ 32, 18.475,
283.679

■ 35, 13.263,
281.994

■ 38, 8.189, 280.541

■ 41, 3.244, 279.301

Harmonies

Complementary

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



14, 52.827, 298.882



35, 42.312, 86.721

Rectangle

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



14, 52.827, 298.882



14, 52.827, 348.882



14, 52.827, 118.882



14, 52.827, 168.882

Sweetspot

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



14, 52.828, 298.883



44, 17.928, 282.497



38, 32.039, 169.306



20, 12.251, 283.005



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, 52.828, 298.883



19, 67.779, 300.561



11, 64.330, 308.100



19, 2.727, 279.559



15, 60.220, 300.102



36, 110.434, 301.854

Inverse Universe

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



20, 44.222, 22.326



27, 55.391, 25.381



40, 50.520, 117.405



19, 2.558, 1.680



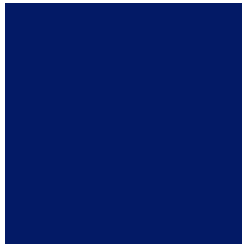
23, 49.613, 24.450



51, 88.404, 28.133

Previews

White Background



This preview shows how the CIELCh color 14, 52.827, 298.882 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, 52.827, 298.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

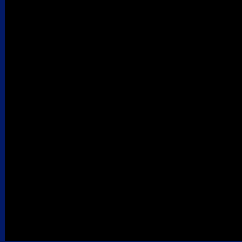
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 52.827, 298.882

Background



This preview shows how black text looks on a background with the CIELCh color 14, 52.827, 298.882.



This preview shows how white text looks on a background with the CIELCh color 14, 52.827, 298.882.

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, 52.827, 298.882

Protanopia

14, 28.137, 281.107

Deuteranopia

14, 20.170, 266.208



Tritanopia
14, 13.761, 202.532

Trichromacy



Original Color
14, 52.827, 298.882

Protanomaly
14, 37.575, 290.842

Deuteranomaly
14, 31.483, 285.713

Tritanomaly
14, 21.825, 272.075

Monochromacy



Original Color
14, 52.827, 298.882

Achromatopsia
10, 0.003, 296.813

Achromatomaly
11, 20.562, 288.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 52.827, 298.882 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(3, 26, 102)` looks like.

```
.text, #text, p{  
    color:rgb(3, 26, 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(3, 26, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 26, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 52.827, 298.882 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(3, 26, 102) }
```

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

```
.border{ border-color:rgb(3, 26, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 26, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 26, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 26, 102);  
box-shadow:4px 4px 4px 4px rgb(3, 26, 102)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 52.827, 298.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 26, 102) }
```

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

```
.background{ background-color: rgb(3, 26,  
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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