

Converting Colors

CIELCh(14, 28.936, 311.269)

Have a look what the booklet for
CIELCh(14, 28.936, 311.269)
contains.

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Color

CIELCh(14, 29.119, 311.774)

Conversions

Conversions Part 1

Format	Color
Hex	2E1A42
RGB	46, 26, 66
RGB Percent	18%, 10%, 26%
CMY	0.8187, 0.8972, 0.7403
CMYK	0.30, 0.60, 0.00, 0.74
HSL	270°, 43%, 18%
HSV	270°, 60%, 26%
XYZ	2.5006, 1.7298, 5.3911
YIQ	36.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

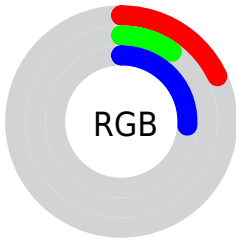
Format	Color
RYB	46, 26, 66
Decimal	3021378
CIELab	14.00, 19.40, -21.72
CIELCh	14, 29.119, 311.774
Yxy	1.7298, 0.2599, 0.1798
Android (android.graphics.Color)	4281211458 (0xFF2E1A42)
YUV	36.5400, 14.5238, 8.2964
Hunter-Lab	13.1521, 10.9218, -15.0967

Details

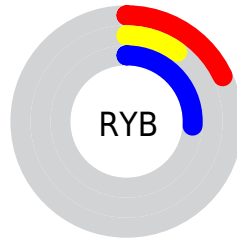
The CIELCh color **14, 29.119, 311.774** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 26.899, 126.648**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 28.976, 311.625**, and **1, 10.257, 288.629** is the 20% darker color. If you saturate the color by 10%, you get **12, 33.848, 312.175**, and if you desaturate by 10%, it is **16, 24.222, 311.316**.

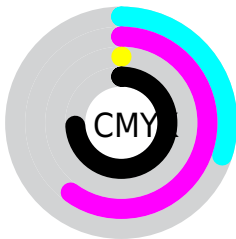
Distribution



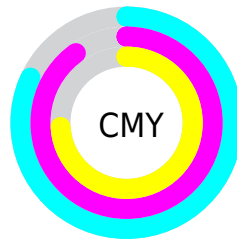
- Red (18%)
- Green (10%)
- Blue (26%)



- Red (18%)
- Yellow (10%)
- Blue (26%)



- Cyan (30%)
- Magenta (60%)
- Yellow (0%)
- Black (74%)



- Cyan (82%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 29.119, 311.774 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, 29.119, 311.774 by changing the saturation by 10% instead.

■ 14, 29.119,
311.774

■ 14, 29.119,
311.774

■ 100, 29.119,
311.774

■ 4, 29.119, 311.774

■ 34, 29.119,
311.774

■ 0, 29.119, 311.774

■ 44, 29.119,
311.774

■ 54, 29.119,
311.774


■ 64, 29.119,
311.774


■ 74, 29.119,
311.774


■ 84, 29.119,


311.774


 94, 29.119,
311.774


 14, 29.119,
311.774

 14, 29.119,
311.774


 12, 33.848,
312.175

 16, 24.222,
311.316

 10, 38.232,
312.465

 18, 19.281,
310.837

 8, 42.269, 312.678

 21, 14.371,
310.362

 7, 46.410, 313.005

 23, 9.539, 309.906

 26, 4.811, 309.474

 28, 0.201, 308.824

■ 30, 4.286, 128.747

■ 33, 8.650, 128.417

■ 35, 12.892,
128.124

Harmonies

Complementary

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



14, 29.119, 311.774



26, 26.899, 126.648

Rectangle

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



14, 29.119, 311.774



14, 29.119, 1.774



14, 29.119, 131.774



14, 29.119, 181.774

Sweetspot

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



14, 29.118, 311.774



31, 10.492, 309.832



18, 15.081, 265.838



14, 7.187, 309.893



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 29.118, 311.774



16, 43.666, 312.358



17, 30.845, 327.175



11, 2.561, 309.394



13, 61.027, 312.608



36, 113.443, 311.759

Inverse Universe

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



16, 22.466, 349.527



20, 32.579, 352.070



24, 31.058, 140.000



12, 2.062, 344.223



19, 41.974, 359.190



48, 76.870, 2.620

Previews

White Background



This preview shows how the CIELCh color 14, 29.119, 311.774 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, 29.119, 311.774 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, 29.119, 311.774

Background



This preview shows how black text looks on a background with the CIELCh color 14, 29.119, 311.774.



This preview shows how white text looks on a background with the CIELCh color 14, 29.119, 311.774.

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, 29.119, 311.774

Protanopia

14, 28.189, 281.683

Deuteranopia

14, 20.065, 273.511



Tritanopia
14, 4.064, 348.888

Trichromacy



Original Color
14, 29.119, 311.774

Protanomaly
13, 27.904, 289.168

Deuteranomaly
14, 22.864, 289.027

Tritanomaly
14, 13.298, 317.169

Monochromacy



Original Color
14, 29.119, 311.774

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 11.187, 309.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 29.119, 311.774 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(46, 26, 66)` looks like.

```
.text, #text, p{  
    color:rgb(46, 26, 66)  
}
```

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(46, 26, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 26, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 29.119, 311.774 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(46, 26, 66) }
```

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

```
.border{ border-color:rgb(46, 26, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 26, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 26, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 26, 66);  
box-shadow:4px 4px 4px 4px rgb(46, 26, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 29.119, 311.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 26, 66) }
```

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

```
.background{ background-color: rgb(46, 26,  
66) }
```

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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