

Converting Colors

CIELCh(14, 10.940, 319.576)

Have a look what the booklet for
CIELCh(14, 10.940, 319.576)
contains.

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Color

CIELCh(14, 11.201, 319.472)

Conversions

Conversions Part 1

Format	Color
Hex	2B202E
RGB	43, 32, 46
RGB Percent	17%, 13%, 18%
CMY	0.8321, 0.8752, 0.8203
CMYK	0.07, 0.31, 0.00, 0.82
HSL	287°, 18%, 15%
HSV	287°, 31%, 18%
XYZ	1.9907, 1.7298, 2.7957
YIQ	36.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

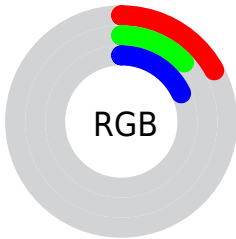
Format	Color
R_{YB}	43, 32, 46
Decimal	2826286
CIE _{Lab}	14.00, 8.51, -7.28
CIE _{LCh}	14, 11.201, 319.472
Yxy	1.7298, 0.3055, 0.2655
Android (android.graphics.Color)	4281016366 (0xFF2B202E)
YUV	36.8850, 4.4937, 5.3629
Hunter-Lab	13.1521, 4.0015, -3.3965

Details

The CIELCh color **14, 11.201, 319.472** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17, 11.061, 137.128**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 11.444, 319.894**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **12, 14.902, 319.828**, and if you desaturate by 10%, it is **16, 7.494, 319.106**.

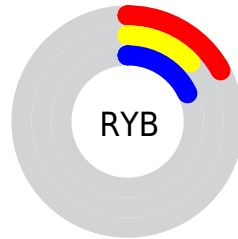
Distribution



Red (17%)

Green (13%)

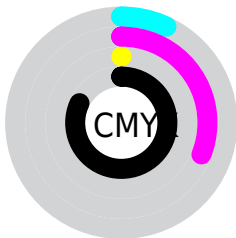
Blue (18%)



Red (17%)

Yellow (13%)

Blue (18%)

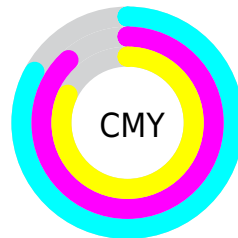


Cyan (7%)

Magenta (31%)

Yellow (0%)

Black (82%)



Cyan (83%)

Magenta (88%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 11.201, 319.472 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, 11.201, 319.472 by changing the saturation by 10% instead.

■ 14, 11.201,
319.472

■ 14, 11.201,
319.472

■ 100, 11.201,
319.472

■ 4, 11.201, 319.472

■ 34, 11.201,
319.472

■ 0, 11.201, 319.472

■ 44, 11.201,
319.472

■ 54, 11.201,
319.472

■ 64, 11.201,
319.472

■ 74, 11.201,
319.472

■ 84, 11.201,

319.472

94, 11.201,
319.472

14, 11.201,
319.472

14, 11.201,
319.472

12, 14.902,
319.828

16, 7.494, 319.106

11, 18.550,
320.162

17, 3.818, 318.734

19, 0.194, 318.019

10, 22.079,
320.459

20, 3.363, 138.079

8, 25.402, 320.700

22, 6.844, 137.742

7, 28.320, 320.794

24, 10.245,
137.430

6, 30.964, 320.718

■ 5, 33.388, 320.564

■ 25, 13.564,
137.138

■ 27, 16.801,
136.866

■ 29, 19.958,
136.614

Harmonies

Complementary

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



14, 11.201, 319.472



17, 11.061, 137.128

Rectangle

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



14, 11.201, 319.472



14, 11.201, 9.472



14, 11.201, 139.472



14, 11.201, 189.472

Sweetspot

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



14, 11.200, 319.472



23, 4.014, 318.695



14, 7.898, 282.807



10, 2.823, 318.709



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



14, 11.200, 319.472



18, 16.746, 319.774



14, 9.752, 335.355



7, 1.847, 318.126



15, 53.656, 320.756



43, 103.505, 320.130

Inverse Universe

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



14, 7.380, 4.809



17, 11.167, 5.786



17, 9.669, 151.705



7, 1.166, 2.636



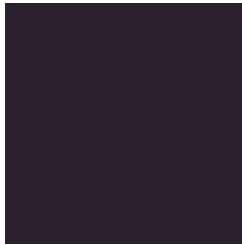
16, 40.454, 23.320



45, 81.120, 28.946

Previews

White Background



This preview shows how the CIELCh color 14, 11.201, 319.472 looks on a white background.

Color Contrast Check

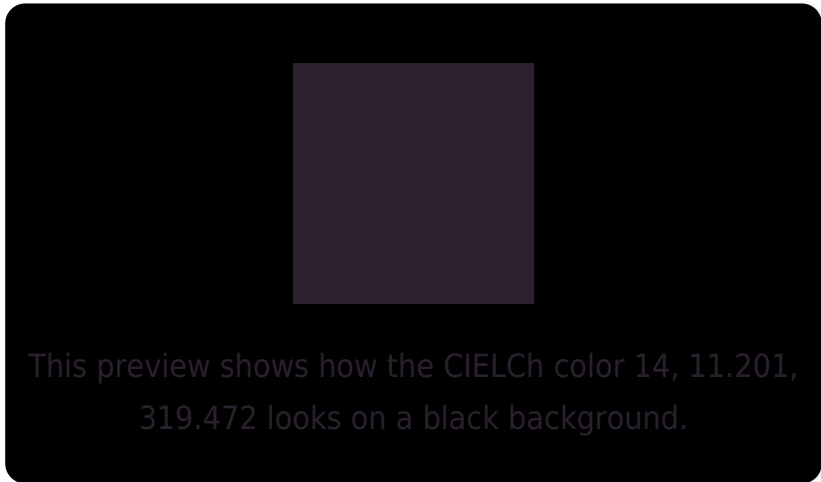
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.201, 319.472

Background



This preview shows how black text looks on a background with the CIELCh color 14, 11.201, 319.472.



This preview shows how white text looks on a background with the CIELCh color 14, 11.201, 319.472.

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, 11.201, 319.472

Protanopia

14, 9.320, 284.919

Deuteranopia

14, 7.136, 288.626



Tritanopia
14, 3.763, 358.246

Trichromacy



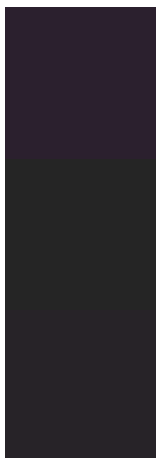
Original Color
14, 11.201, 319.472

Protanomaly
14, 9.346, 298.164

Deuteranomaly
14, 7.998, 302.103

Tritanomaly
14, 6.620, 332.403

Monochromacy



Original Color
14, 11.201, 319.472

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 4.058, 319.229

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 14, 11.201, 319.472 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(43, 32, 46)` looks like.

```
.text, #text, p{  
    color:rgb(43, 32, 46)  
}
```

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(43, 32, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 32, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 11.201, 319.472 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(43, 32, 46) }
```

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

```
.border{ border-color:rgb(43, 32, 46) }
```

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

Here you see how a box with a 4 pixel rgb(43, 32, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 32, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 32, 46);  
box-shadow:4px 4px 4px 4px rgb(43, 32, 46)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 11.201, 319.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 32, 46) }
```

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

```
.background{ background-color: rgb(43, 32,  
46) }
```

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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