

Converting Colors

CIELCh(14, 26.730, 350.854)

Have a look what the booklet for
CIELCh(14, 26.730, 350.854)
contains.

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Color

CIELCh(14, 26.714, 351.012)

Conversions

Conversions Part 1

Format	Color
Hex	42112A
RGB	66, 17, 42
RGB Percent	26%, 7%, 16%
CMY	0.7410, 0.9331, 0.8351
CMYK	0.00, 0.74, 0.36, 0.74
HSL	329°, 59%, 16%
HSV	329°, 74%, 26%
XYZ	2.8699, 1.7298, 2.3771
YIQ	34.5010, 21.1790, 18.1630

Conversions

Conversions Part 2

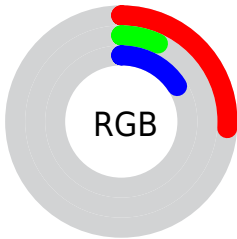
Format	Color
R_{YB}	66, 17, 42
Decimal	4329770
CIE _{Lab}	14.00, 26.39, -4.17
CIE _{LCh}	14, 26.714, 351.012
Yxy	1.7298, 0.4113, 0.2479
Android (android.graphics.Color)	4282519850 (0xFF42112A)
YUV	34.5010, 3.6970, 27.6246
Hunter-Lab	13.1521, 15.9338, -1.5096

Details

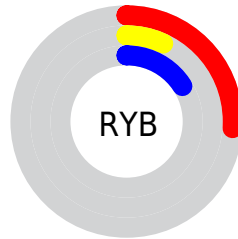
The CIELCh color **14, 26.714, 351.012** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 25.499, 155.505**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 26.709, 350.993**, and **0, 0.277, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 29.098, 352.943**, and if you desaturate by 10%, it is **15, 23.758, 349.414**.

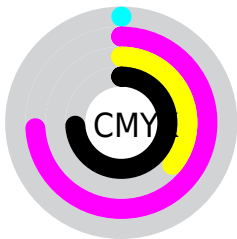
Distribution



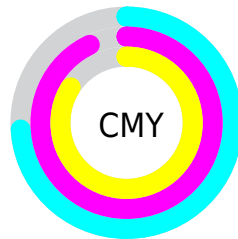
- Red (26%)
- Green (7%)
- Blue (16%)



- Red (26%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (74%)
- Yellow (36%)
- Black (74%)





- Cyan (74%)
- Magenta (93%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 26.714, 351.012 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, 26.714, 351.012 by changing the saturation by 10% instead.

 14, 26.714,
351.012

 14, 26.714,
351.012

 100, 26.714,
351.012


 4, 26.714, 351.012


 34, 26.714,
351.012

 0, 26.714, 351.012

 44, 26.714,
351.012

 54, 26.714,
351.012


 64, 26.714,
351.012


 74, 26.714,
351.012


 84, 26.714,


351.012


 94, 26.714,
351.012


 14, 26.714,
351.012


 14, 26.714,
351.012


 13, 29.098,
352.943


 15, 23.758,
349.414

 12, 31.262,
354.950

 17, 20.387,
348.064

 11, 32.689,
355.959

 19, 16.748,
346.900

 21, 12.963,
345.877

 23, 9.127, 344.962

■ 25, 5.309, 344.126

■ 27, 1.551, 343.292

■ 29, 2.120, 162.806

■ 31, 5.688, 162.114

Harmonies

Complementary

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



14, 26.714, 351.012



24, 25.499, 155.505

Rectangle

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



14, 26.714, 351.012



14, 26.714, 41.012



14, 26.714, 171.012



14, 26.714, 221.012

Sweetspot

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



14, 26.713, 351.013



31, 10.401, 344.856



11, 35.474, 311.825



14, 6.883, 344.930



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, 26.713, 351.013



18, 36.784, 354.968



13, 26.707, 27.332



12, 2.076, 343.669



19, 42.082, 358.297



48, 76.994, 1.630

Inverse Universe

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



14, 26.713, 351.013



18, 36.784, 354.968



25, 16.652, 194.857



12, 2.076, 343.669



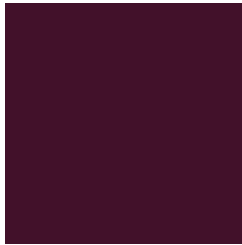
19, 42.082, 358.297



48, 76.994, 1.630

Previews

White Background



This preview shows how the CIE LCh color 14, 26.714, 351.012 looks on a white background.

Color Contrast Check

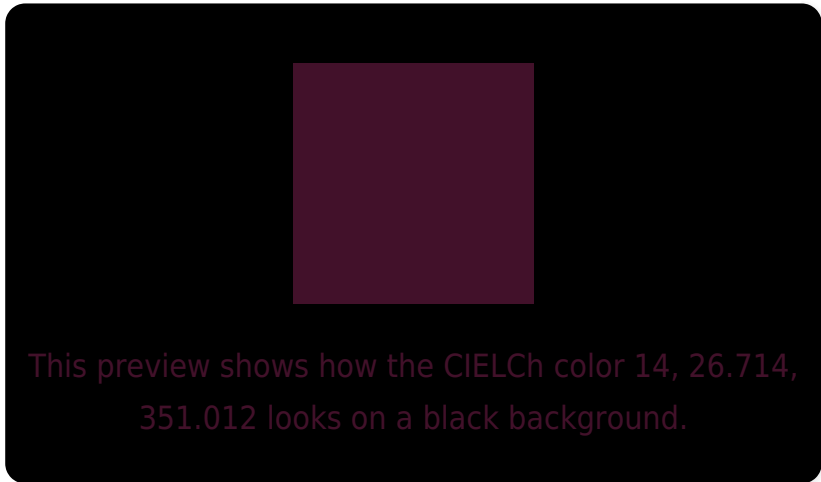
Large Text (above 18pt) WCAG AA ✓ Pass

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

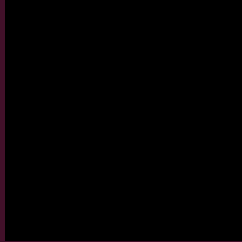
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 26.714, 351.012

Background



This preview shows how black text looks on a background with the CIELCh color 14, 26.714, 351.012.



This preview shows how white text looks on a background with the CIELCh color 14, 26.714, 351.012.

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, 26.714, 351.012

Protanopia

15, 12.857, 282.997

Deuteranopia

15, 3.441, 324.849



Tritanopia
14, 23.266, 25.367

Trichromacy



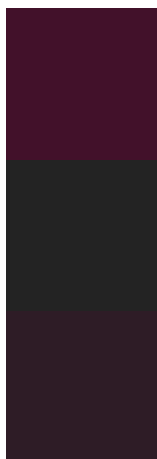
Original Color
14, 26.714, 351.012

Protanomaly
14, 15.555, 317.159

Deuteranomaly
14, 12.744, 341.468

Tritanomaly
14, 23.322, 11.212

Monochromacy



Original Color
14, 26.714, 351.012

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 11.262, 343.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 26.714, 351.012 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(66, 17, 42)` looks like.

```
.text, #text, p{  
    color:rgb(66, 17, 42)  
}
```

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(66, 17, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 17, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 26.714, 351.012 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(66, 17, 42) }
```

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

```
.border{ border-color:rgb(66, 17, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 17, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 17, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 17, 42);  
box-shadow:4px 4px 4px 4px rgb(66, 17, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 26.714, 351.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 17, 42) }
```

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

```
.background{ background-color: rgb(66, 17,  
42) }
```

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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