

Converting Colors

CIELCh(14, 26.034, 357.815)

Have a look what the booklet for
CIELCh(14, 26.034, 357.815)
contains.

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Color

CIELCh(14, 26.215, 357.474)

Conversions

Conversions Part 1

Format	Color
Hex	431126
RGB	67, 17, 38
RGB Percent	26%, 7%, 15%
CMY	0.7375, 0.9336, 0.8512
CMYK	0.00, 0.75, 0.43, 0.74
HSL	335°, 60%, 16%
HSV	335°, 75%, 26%
XYZ	2.8590, 1.7298, 2.0125
YIQ	34.3440, 23.0590, 17.1310

Conversions

Conversions Part 2

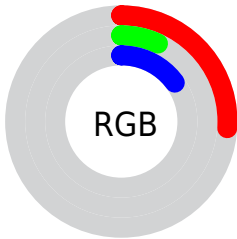
Format	Color
R_{YB}	67, 17, 38
Decimal	4395302
CIE _{Lab}	14.00, 26.19, -1.16
CIE _{LCh}	14, 26.215, 357.474
Yxy	1.7298, 0.4331, 0.2620
Android (android.graphics.Color)	4282585382 (0xFF431126)
YUV	34.3440, 1.8024, 28.6393
Hunter-Lab	13.1521, 15.7865, 0.1341




Details

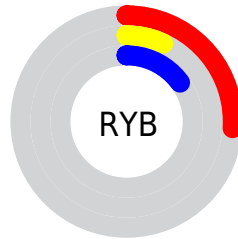
The CIELCh color **14, 26.215, 357.474** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25, 23.827, 160.303**, and the grayscale version is **13, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 26.564, 357.069**, and **0, 0.277, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 28.663, 359.894**, and if you desaturate by 10%, it is **15, 23.246, 355.503**.

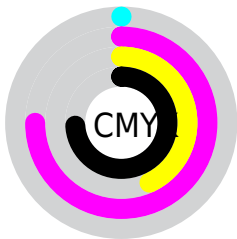
Distribution







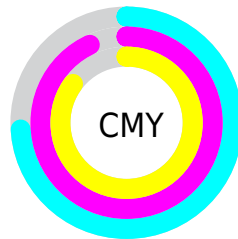
-  Red (26%)
-  Green (7%)
-  Blue (15%)






-  Red (26%)
-  Yellow (7%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (75%)
-  Yellow (43%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (93%)
-  Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 14, 26.215, 357.474 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, 26.215, 357.474 by changing the saturation by 10% instead.


 14, 26.215,
357.474

 14, 26.215,
357.474

 100, 26.215,
357.474

 4, 26.215, 357.474

 34, 26.215,
357.474

 0, 26.215, 357.474

 44, 26.215,
357.474

 54, 26.215,
357.474

 64, 26.215,
357.474


 74, 26.215,
357.474


 84, 26.215,


357.474

 94, 26.215,
357.474

 14, 26.215,
357.474

 14, 26.215,
357.474


 13, 28.663,
359.894


 15, 23.246,
355.503

 12, 30.971, 2.378

 17, 19.905,
353.869

 11, 32.360, 3.509

 19, 16.330,
352.492

 21, 12.641,
351.307

 23, 8.927, 350.268

■ 25, 5.252, 349.337

■ 27, 1.655, 348.432

■ 30, 1.841, 167.916

■ 32, 5.224, 167.164

Harmonies

Complementary

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



14, 26.215, 357.474



25, 23.827, 160.303

Rectangle

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



14, 26.215, 357.474



14, 26.215, 47.474



14, 26.215, 177.474



14, 26.215, 227.474

Sweetspot

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



14, 26.214, 357.475



31, 9.846, 350.095



12, 36.064, 314.223



14, 6.517, 350.178



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, 26.214, 357.475



17, 36.147, 2.544



14, 26.298, 31.919



12, 1.957, 348.790



19, 41.558, 6.325



48, 76.848, 10.426

Inverse Universe

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



14, 26.214, 357.475



17, 36.147, 2.544



24, 15.595, 205.171



12, 1.957, 348.790



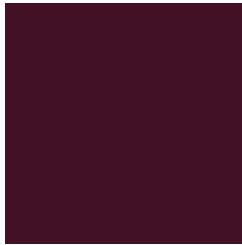
19, 41.558, 6.325



48, 76.848, 10.426

Previews

White Background



This preview shows how the CIELCh color 14, 26.215, 357.474 looks on a white background.

Color Contrast Check

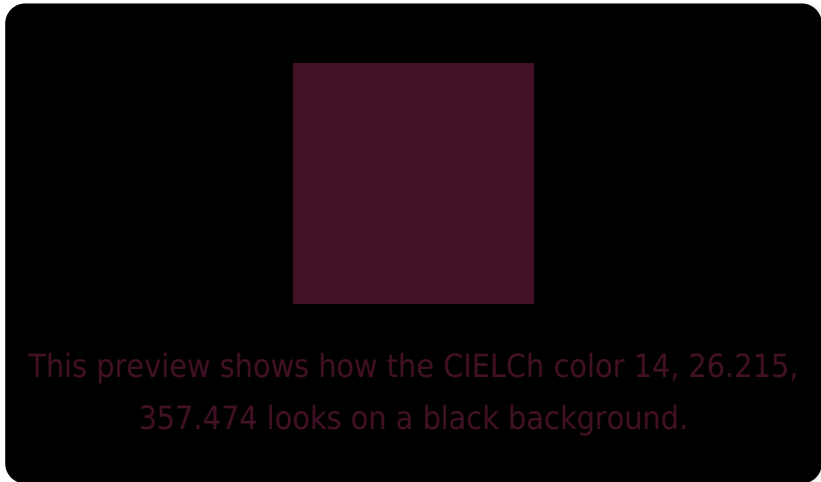
Large Text (above 18pt) WCAG AA ✓ Pass

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

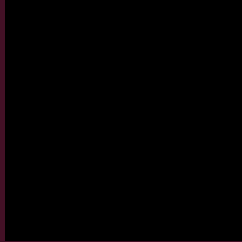
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 26.215, 357.474

Background



This preview shows how black text looks on a background with the CIELCh color 14, 26.215, 357.474.



This preview shows how white text looks on a background with the CIELCh color 14, 26.215, 357.474.

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, 26.215, 357.474

Protanopia

15, 9.249, 284.775

Deuteranopia

15, 3.103, 33.146



Tritanopia
14, 24.385, 25.957

Trichromacy



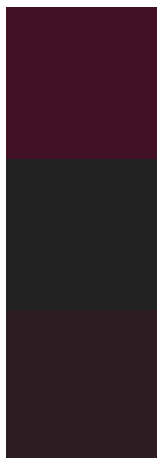
Original Color
14, 26.215, 357.474

Protanomaly
14, 13.532, 325.980

Deuteranomaly
14, 12.002, 358.886

Tritanomaly
14, 23.887, 15.116

Monochromacy



Original Color
14, 26.215, 357.474

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 10.250, 353.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 26.215, 357.474 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, 17, 38)` looks like.

```
.text, #text, p{  
    color:rgb(67, 17, 38)  
}
```

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, 17, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 17, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 26.215, 357.474 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, 17, 38) }
```

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

```
.border{ border-color:rgb(67, 17, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 17, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 17, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 17, 38);  
box-shadow:4px 4px 4px 4px rgb(67, 17, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 26.215, 357.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 17, 38) }
```

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

```
.background{ background-color: rgb(67, 17,  
38) }
```

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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