

Converting Colors

CIELCh(14, 25.228, 358.085)

Have a look what the booklet for
CIELCh(14, 25.228, 358.085)
contains.

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Color

CIELCh(14, 25.196, 358.801)

Conversions

Conversions Part 1

Format	Color
Hex	421225
RGB	66, 18, 37
RGB Percent	26%, 7%, 15%
CMY	0.7409, 0.9291, 0.8547
CMYK	0.00, 0.73, 0.44, 0.74
HSL	336°, 57%, 16%
HSV	336°, 73%, 26%
XYZ	2.8043, 1.7298, 1.9416
YIQ	34.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

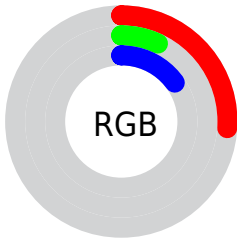
Format	Color
RYB	66, 18, 37
Decimal	4330021
CIELab	14.00, 25.19, -0.53
CIELCh	14, 25.196, 358.801
Yxy	1.7298, 0.4330, 0.2671
Android (android.graphics.Color)	4282520101 (0xFF421225)
YUV	34.5180, 1.2236, 27.6097
Hunter-Lab	13.1521, 15.0434, 0.4536




Details

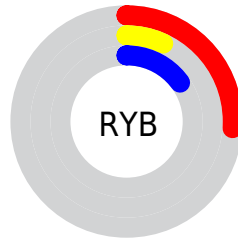
The CIELCh color **14, 25.196, 358.801** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 22.544, 162.106**, and the grayscale version is **14, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 24.866, 359.340**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 27.777, 1.219**, and if you desaturate by 10%, it is **16, 22.152, 356.830**.

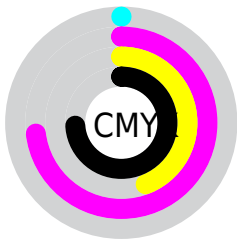
Distribution







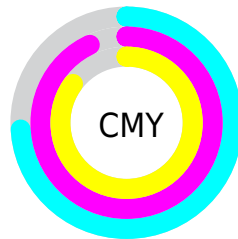
-  Red (26%)
-  Green (7%)
-  Blue (15%)






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



-  Cyan (0%)
-  Magenta (73%)
-  Yellow (44%)
-  Black (74%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 25.196, 358.801 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, 25.196, 358.801 by changing the saturation by 10% instead.

 14, 25.196,
358.801


 14, 25.196,
358.801


 100, 25.196,
358.801


 4, 25.196, 358.801


 34, 25.196,
358.801

 0, 25.196, 358.801

 44, 25.196,
358.801


 54, 25.196,
358.801


 64, 25.196,
358.801


 74, 25.196,
358.801

 84, 25.196,


358.801

 94, 25.196,
358.801


 14, 25.196,
358.801

 14, 25.196,
358.801


 13, 27.777, 1.219


 16, 22.152,
356.830

 12, 30.091, 3.856

 17, 18.789,
355.197

 11, 32.036, 5.492

 19, 15.237,
353.819

 21, 11.605,
352.634

 23, 7.974, 351.596

■ 25, 4.397, 350.663

■ 27, 0.909, 349.668

■ 30, 2.473, 169.232

■ 32, 5.738, 168.509

Harmonies

Complementary

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



14, 25.196, 358.801



24, 22.544, 162.106

Rectangle

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



14, 25.196, 358.801



14, 25.196, 48.801



14, 25.196, 178.801



14, 25.196, 228.801

Sweetspot

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



14, 25.195, 358.802



31, 9.712, 351.626



12, 34.818, 315.158



14, 6.428, 351.711



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, 25.195, 358.802



18, 35.384, 3.596



14, 24.727, 33.715



12, 1.928, 350.292



19, 41.585, 8.563



48, 77.181, 12.833

Inverse Universe

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



14, 25.195, 358.802



18, 35.384, 3.596



23, 14.770, 209.721



12, 1.928, 350.292



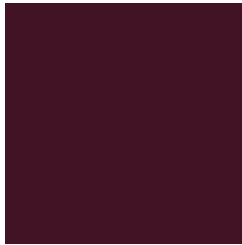
19, 41.585, 8.563



48, 77.181, 12.833

Previews

White Background



This preview shows how the CIE LCh color 14, 25.196, 358.801 looks on a white background.

Color Contrast Check

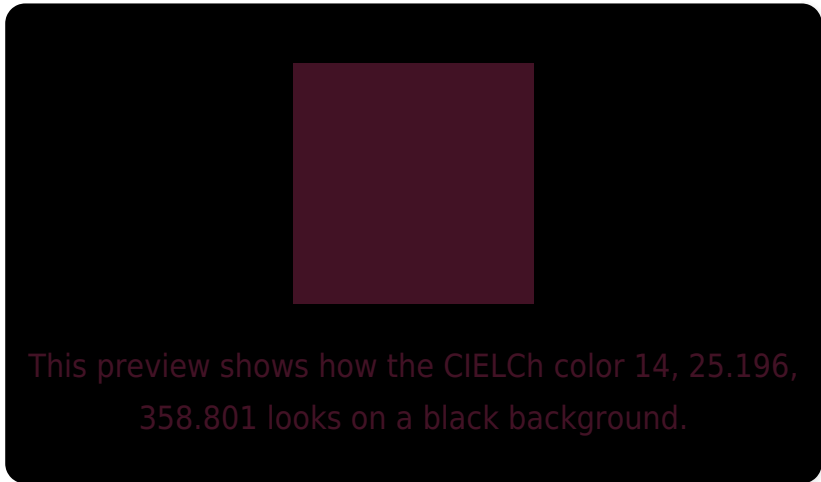
Large Text (above 18pt) WCAG AA ✓ Pass

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

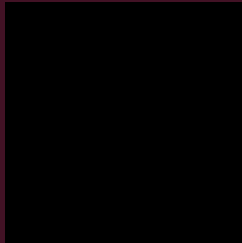
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 25.196, 358.801

Background



This preview shows how black text looks on a background with the CIELCh color 14, 25.196, 358.801.



This preview shows how white text looks on a background with the CIELCh color 14, 25.196, 358.801.

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, 25.196, 358.801

Protanopia

15, 7.859, 282.808

Deuteranopia

15, 3.103, 33.146



Tritanopia
14, 23.266, 25.367

Trichromacy



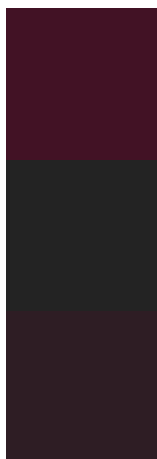
Original Color
14, 25.196, 358.801

Protanomaly
14, 12.432, 329.730

Deuteranomaly
14, 12.002, 358.886

Tritanomaly
14, 22.954, 15.699

Monochromacy



Original Color
14, 25.196, 358.801

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 9.781, 351.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 25.196, 358.801 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, 18, 37)` looks like.

```
.text, #text, p{  
    color:rgb(66, 18, 37)  
}
```

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, 18, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 18, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 25.196, 358.801 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, 18, 37) }
```

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

```
.border{ border-color:rgb(66, 18, 37) }
```

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

Here you see how a box with a 4 pixel rgb(66, 18, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 18, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 18, 37);  
box-shadow:4px 4px 4px 4px rgb(66, 18, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 25.196, 358.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 18, 37) }
```

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

```
.background{ background-color: rgb(66, 18,  
37) }
```

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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