

Converting Colors

CIELCh(16, 34.595, 8.184)

Have a look what the booklet for
CIELCh(16, 34.595, 8.184) contains.

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Color

CIELCh(16, 34.573, 8.185)

Conversions

Conversions Part 1

Format	Color
Hex	520822
RGB	82, 8, 34
RGB Percent	32%, 3%, 13%
CMY	0.6776, 0.9676, 0.8660
CMYK	0.00, 0.90, 0.58, 0.68
HSL	339°, 82%, 18%
HSV	339°, 90%, 32%
XYZ	3.8794, 2.0993, 1.7270
YIQ	33.0900, 35.7580, 23.7740

Conversions

Conversions Part 2

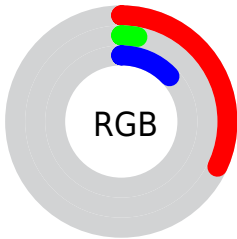
Format	Color
RYB	82, 8, 34
Decimal	5376034
CIELab	16.00, 34.22, 4.92
CIElCh	16, 34.573, 8.185
Yxy	2.0993, 0.5034, 0.2724
Android (android.graphics.Color)	4283566114 (0xFF520822)
YUV	33.0900, 0.4486, 42.8941
Hunter-Lab	14.4890, 22.4372, 3.0754

Details

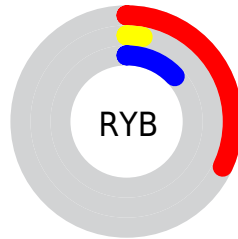
The CIELCh color **16, 34.573, 8.185** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30, 29.749, 161.757**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 34.729, 8.332**, and **3, 11.872, 17.458** is the 20% darker color. If you saturate the color by 10%, you get **15, 37.232, 11.378**, and if you desaturate by 10%, it is **17, 31.998, 4.858**.

Distribution



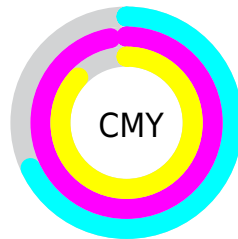
- Red (32%)
- Green (3%)
- Blue (13%)



- Red (32%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (58%)
- Black (68%)



- Cyan (68%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 34.573, 8.185 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 16, 34.573, 8.185 by changing the saturation by 10% instead.

 16, 34.573, 8.185  16, 34.573, 8.185

 100, 34.573, 8.185  6, 34.573, 8.185

 36, 34.573, 8.185  0, 34.573, 8.185

 46, 34.573, 8.185


 56, 34.573, 8.185

 66, 34.573, 8.185

 76, 34.573, 8.185

 86, 34.573, 8.185

 96, 34.573, 8.185

 16, 34.573, 8.185  16, 34.573, 8.185

■ 15, 37.232, 11.378

■ 17, 31.998, 4.858

■ 15, 37.247, 11.393

■ 19, 28.801, 2.156

■ 21, 25.086,
359.974

■ 23, 21.025,
358.188

■ 25, 16.777,
356.701

■ 27, 12.473,
355.436

■ 30, 8.203, 354.339

■ 32, 4.028, 353.355

■ 35, 0.018, 186.451

Harmonies

Complementary

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



16, 34.573, 8.185



30, 29.749, 161.757

Rectangle

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



16, 34.573, 8.185



16, 34.573, 58.185



16, 34.573, 188.185



16, 34.573, 238.185

Sweetspot

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



16, 34.571, 8.187



37, 13.957, 355.205



13, 48.934, 316.186



17, 9.313, 355.405



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



16, 34.571, 8.187



21, 44.958, 13.419



17, 36.549, 37.308



15, 2.244, 353.236



20, 44.181, 13.251



49, 80.251, 17.340

Inverse Universe

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



16, 34.571, 8.187



21, 44.958, 13.419



28, 18.617, 217.307



15, 2.244, 353.236



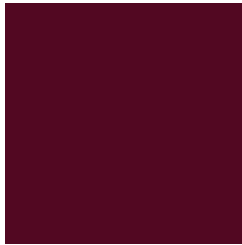
20, 44.181, 13.251



49, 80.251, 17.340

Previews

White Background



This preview shows how the CIELCh color 16, 34.573, 8.185 looks on a white background.

Color Contrast Check

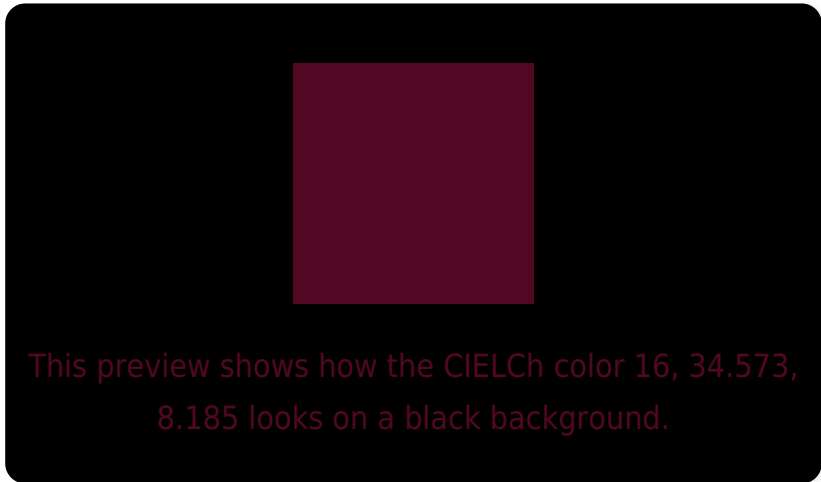
Large Text (above 18pt) WCAG AA ✓ Pass

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 16, 34.573, 8.185

Background



This preview shows how black text looks on a background with the CIELCh color 16, 34.573, 8.185.



This preview shows how white text looks on a background with the CIELCh color 16, 34.573, 8.185.

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

16, 34.573, 8.185

Protanopia

17, 4.864, 291.426

Deuteranopia

17, 8.762, 71.339



Tritanopia
16, 35.273, 31.128

Trichromacy



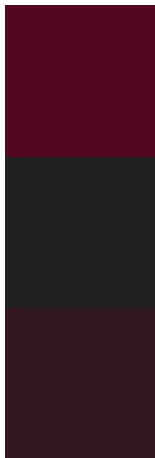
Original Color
16, 34.573, 8.185

Protanomaly
15, 15.935, 346.619

Deuteranomaly
16, 17.244, 17.692

Tritanomaly
16, 34.200, 23.585

Monochromacy



Original Color
16, 34.573, 8.185

Achromatopsia
13, 0.003, 296.813

Achromatomaly
12, 14.866, 359.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 34.573, 8.185 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(82, 8, 34)` looks like.

```
.text, #text, p{  
    color:rgb(82, 8, 34)  
}
```

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(82, 8, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 8, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 34.573, 8.185 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(82, 8, 34) }
```

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

```
.border{ border-color:rgb(82, 8, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 8, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 8, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 8, 34); box-shadow:4px  
4px 4px 4px rgb(82, 8, 34) }
```

Background

The CSS property to change the background color of an element to CIELCh 16, 34.573, 8.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 8, 34) }
```

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

```
.background{ background-color: rgb(82, 8,  
34) }
```

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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