

Converting Colors

CIELCh(0, 72.952, 319.239)

Have a look what the booklet for
CIELCh(0, 72.952, 319.239) contains.

CIELCh(8, 48.339, 313.782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(8, 48.339, 313.782)

Conversions

Conversions Part 1

Format	Color
Hex	260147
RGB	38, 1, 71
RGB Percent	15%, 0%, 28%
CMY	0.8505, 0.9972, 0.7213
CMYK	0.46, 0.99, 0.00, 0.72
HSL	272°, 98%, 14%
HSV	272°, 99%, 28%
XYZ	1.9507, 0.8856, 6.0407
YIQ	20.0430, -0.4180, 29.6140

Conversions

Conversions Part 2

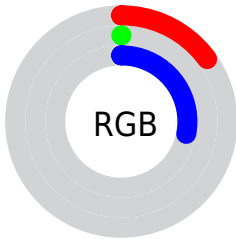
Format	Color
R_{YB}	38, 1, 71
Decimal	2490695
CIE Lab	8.00, 33.45, -34.90
CIE LCh	8, 48.339, 313.782
Yxy	0.8856, 0.2197, 0.0998
Android (android.graphics.Color)	4280680775 (0xFF260147)
YUV	20.0430, 25.1218, 15.7483
Hunter-Lab	9.4109, 20.5306, -31.4696

Details

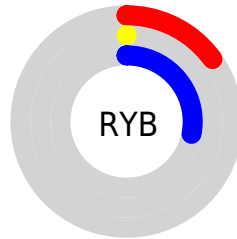
The CIELCh color **8, 48.339, 313.782** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 42.646, 127.441**, and the grayscale version is **6, 0.002, 296.812**.

A 20% lighter version of the original color is **28, 48.023, 313.836**, and **1, 13.319, 288.988** is the 20% darker color. If you saturate the color by 10%, you get **8, 48.844, 313.839**, and if you desaturate by 10%, it is **10, 43.849, 313.422**.

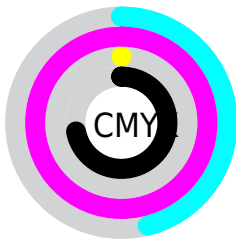
Distribution



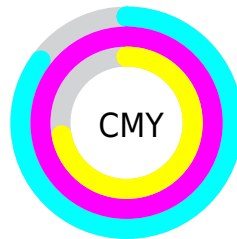
- Red (15%)
- Green (0%)
- Blue (28%)



- Red (15%)
- Yellow (0%)
- Blue (28%)



- Cyan (46%)
- Magenta (99%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 8, 48.339, 313.782 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 8, 48.339, 313.782 by changing the saturation by 10% instead.

 8, 48.339, 313.782

 8, 48.339, 313.782

 98, 48.339,
313.782

 0, 48.339, 313.782


 28, 48.339,
313.782

 38, 48.339,
313.782

 48, 48.339,
313.782

 58, 48.339,
313.782

 68, 48.339,
313.782

 78, 48.339,
313.782

88, 48.339,
313.782

8, 48.339, 313.782

8, 48.339, 313.782

8, 48.844, 313.839

10, 43.849,
313.422

12, 39.799,
313.318

14, 35.192,
313.063

16, 30.204,
312.695

18, 25.026,
312.265

20, 19.788,
311.809

■ 23, 14.577,
311.354

■ 25, 9.442, 310.913

■ 28, 4.415, 310.493

Harmonies

Complementary

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



8, 48.339, 313.782



26, 42.646, 127.441

Rectangle

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



8, 48.339, 313.782



8, 48.339, 3.782



8, 48.339, 133.782



8, 48.339, 183.782

Sweetspot

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



8, 48.339, 313.783



30, 18.700, 311.452



14, 26.466, 280.050



13, 12.594, 311.537



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



8, 48.339, 313.783



12, 58.363, 313.418



14, 45.188, 328.811



13, 2.748, 310.477



14, 61.774, 313.303



37, 113.642, 312.487

Inverse Universe

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



12, 33.634, 359.680



18, 40.202, 1.625



25, 46.792, 136.642



13, 2.152, 345.975



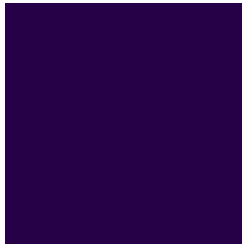
20, 42.475, 2.110



49, 77.316, 5.700

Previews

White Background



This preview shows how the CIELCh color 8, 48.339, 313.782 looks on a white background.

Color Contrast Check

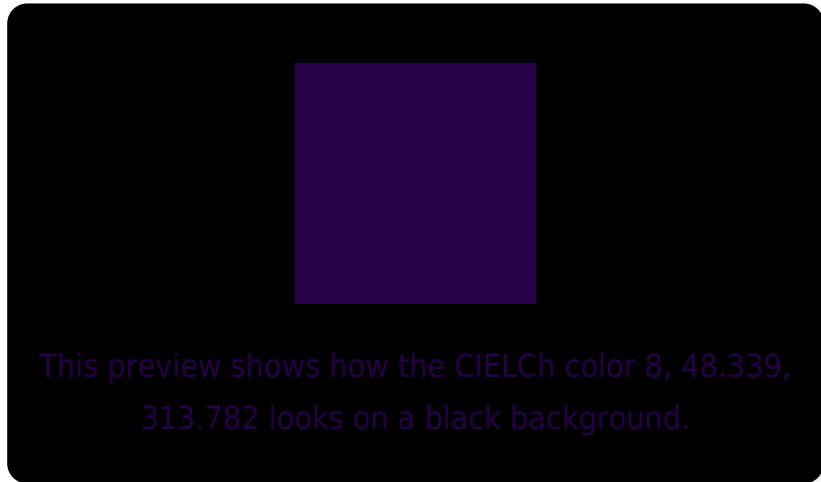
Large Text (above 18pt) WCAG AA ✓ Pass

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

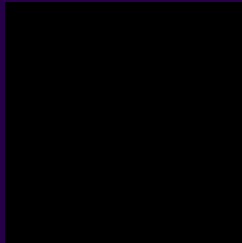
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 8, 48.339, 313.782

Background



This preview shows how black text looks on a background with the CIELCh color 8, 48.339, 313.782.



This preview shows how white text looks on a background with the CIELCh color 8, 48.339, 313.782.

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

8, 48.139, 313.691

Protanopia

10, 22.689, 279.221

Deuteranopia

10, 16.467, 263.434



Tritanopia
10, 1.474, 290.669

Trichromacy



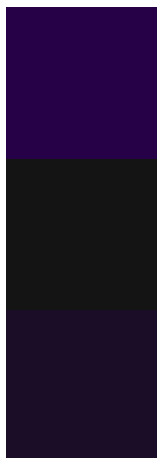
Original Color
8, 48.139, 313.691

Protanomaly
8, 33.467, 299.153

Deuteranomaly
8, 28.416, 296.396

Tritanomaly
8, 20.901, 312.116

Monochromacy



Original Color
8, 48.139, 313.691

Achromatopsia
6, 0.002, 296.812

Achromatomaly
6, 19.816, 311.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 8, 48.339, 313.782 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(38, 1, 71)` looks like.

```
.text, #text, p{  
    color:rgb(38, 1, 71)  
}
```

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(38, 1, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 1, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 8, 48.339, 313.782 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(38, 1, 71) }
```

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

```
.border{ border-color:rgb(38, 1, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 1, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 1, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 1, 71); box-shadow:4px  
4px 4px 4px rgb(38, 1, 71) }
```

Background

The CSS property to change the background color of an element to CIELCh 8, 48.339, 313.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 1, 71) }
```

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

```
.background{ background-color: rgb(38, 1,  
71) }
```

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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