

Converting Colors

CIELCh(43, 59.240, 311.824)

Have a look what the booklet for
CIELCh(43, 59.240, 311.824)
contains.

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Color

CIELCh(43, 58.850, 311.816)

Conversions

Conversions Part 1

Format	Color
Hex	7F4FAF
RGB	127, 79, 175
RGB Percent	50%, 31%, 69%
CMY	0.5026, 0.6908, 0.3144
CMYK	0.27, 0.55, 0.00, 0.31
HSL	270°, 38%, 50%
HSV	270°, 55%, 69%
XYZ	19.2338, 13.1578, 41.9967
YIQ	104.2960, -2.2080, 40.0320

Conversions

Conversions Part 2

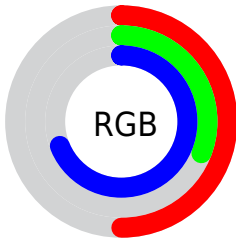
Format	Color
R_{YB}	127, 79, 175
Decimal	8343471
CIE _{Lab}	43.00, 39.24, -43.86
CIE _{LCh}	43, 58.850, 311.816
Yxy	13.1578, 0.2586, 0.1769
Android (android.graphics.Color)	4286533551 (0xFF7F4FAF)
YUV	104.2960, 34.8571, 19.9114
Hunter-Lab	36.2736, 31.1695, -43.2529

Details

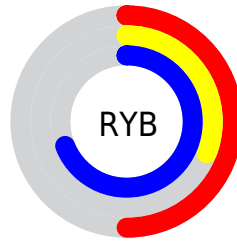
The CIELCh color $43, 58.850, 311.816$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $66, 54.270, 126.604$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 58.670, 311.756$, and $23, 58.797, 311.735$ is the 20% darker color. If you saturate the color by 10%, you get $38, 69.264, 312.248$, and if you desaturate by 10%, it is $48, 47.972, 311.305$.

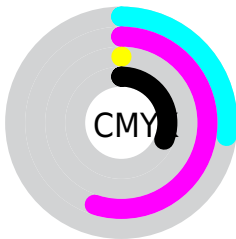
Distribution



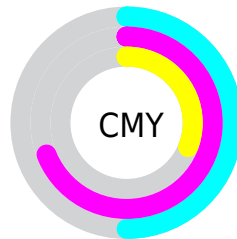
- Red (50%)
- Green (31%)
- Blue (69%)



- Red (50%)
- Yellow (31%)
- Blue (69%)



- Cyan (27%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)





- Cyan (50%)
- Magenta (69%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 58.850, 311.816 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 43, 58.850, 311.816 by changing the saturation by 10% instead.


 43, 58.850,
311.816


 43, 58.850,
311.816


 100, 58.850,
311.816

 33, 58.850,
311.816

 63, 58.850,
311.816


 23, 58.850,
311.816

 73, 58.850,
311.816

 13, 58.850,
311.816

 83, 58.850,
311.816

 3, 58.850, 311.816

 93, 58.850,
311.816

 0, 58.850, 311.816

 43, 58.850,

 43, 58.850,

311.816

■ 38, 69.264,
312.248

■ 34, 78.688,
312.522

■ 31, 86.424,
312.534

■ 28, 91.774,
312.175

■ 27, 93.983,
311.941

311.816

■ 48, 47.972,
311.305

■ 53, 36.980,
310.767

■ 58, 26.085,
310.237

■ 63, 15.404,
309.733

■ 69, 4.998, 309.256

■ 74, 5.107, 128.879

■ 79, 14.903,
128.490

■ 85, 24.394,
128.154

■ 90, 33.591,
127.860

Harmonies

Complementary

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



43, 58.850, 311.816



66, 54.270, 126.604

Rectangle

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



43, 58.850, 311.816



43, 58.850, 1.816



43, 58.850, 131.816



43, 58.850, 181.816

Sweetspot

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



43, 58.849, 311.816



80, 20.490, 309.801



52, 29.803, 264.247



41, 13.983, 309.900



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 58.849, 311.816



49, 86.878, 312.327



49, 61.996, 326.709



34, 5.769, 309.465



23, 84.037, 312.077



1, 11.830, 305.858

Inverse Universe

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



47, 45.316, 349.674



56, 64.957, 351.900



64, 62.353, 139.578



34, 4.643, 344.365



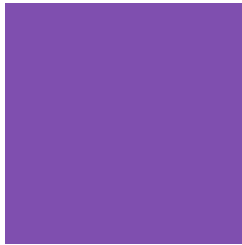
32, 57.249, 1.243



2, 9.137, 348.800

Previews

White Background



This preview shows how the CIELCh color 43, 58.850, 311.816 looks on a white background.

Color Contrast Check

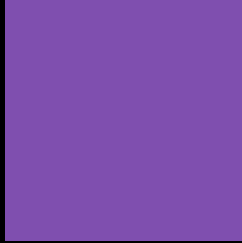
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 58.850, 311.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

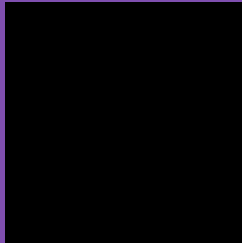
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 58.850, 311.816

Background



This preview shows how black text looks on a background with the CIELCh color 43, 58.850, 311.816.

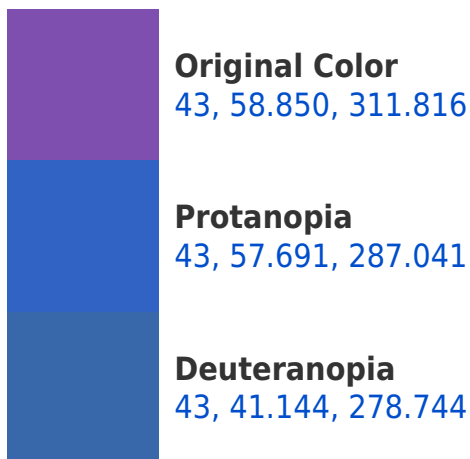



This preview shows how white text looks on a background with the CIELCh color 43, 58.850, 311.816.

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





Tritanopia
43, 8.564, 346.480

Trichromacy



Original Color
43, 58.850, 311.816

Protanomaly
43, 57.541, 294.081

Deuteranomaly
42, 46.910, 292.478

Tritanomaly
43, 26.550, 317.789

Monochromacy



Original Color
43, 58.850, 311.816

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 22.126, 309.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 58.850, 311.816 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(127, 79, 175)` looks like.

```
.text, #text, p{  
    color:rgb(127, 79, 175)  
}
```

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(127, 79, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 79, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 58.850, 311.816 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(127, 79, 175) }
```

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

```
.border{ border-color:rgb(127, 79, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 79, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 79, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 79, 175);  
box-shadow:4px 4px 4px 4px rgb(127, 79,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 58.850, 311.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 79, 175) }
```

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

```
.background{ background-color: rgb(127, 79,  
175) }
```

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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