

Converting Colors

CIELCh(43, 85.149, 311.578)

Have a look what the booklet for
CIELCh(43, 85.149, 311.578)
contains.

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Color

CIELCh(43, 85.149, 311.578)

Conversions

Conversions Part 1

Format	Color
Hex	8440D1
RGB	132, 64, 209
RGB Percent	52%, 25%, 82%
CMY	0.4826, 0.7493, 0.1807
CMYK	0.37, 0.69, 0.00, 0.18
HSL	268°, 61%, 54%
HSV	268°, 69%, 82%
XYZ	22.8323, 13.1578, 61.6077
YIQ	100.8620, -6.0170, 59.5110

Conversions

Conversions Part 2

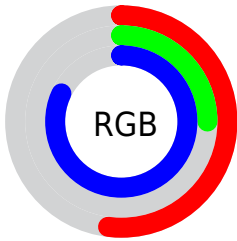
Format	Color
R _{YB}	132, 64, 209
Decimal	8667345
CIE Lab	43.00, 56.51, -63.70
CIE LCh	43, 85.149, 311.578
Yxy	13.1578, 0.2339, 0.1348
Android (android.graphics.Color)	4286857425 (0xFF8440D1)
YUV	100.8620, 53.3120, 27.3080
Hunter-Lab	36.2736, 48.8772, -75.3075

Details

The CIELCh color **43, 85.149, 311.578** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **77, 75.871, 125.200**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 78.957, 312.716**, and **23, 84.899, 311.579** is the 20% darker color. If you saturate the color by 10%, you get **39, 95.303, 311.787**, and if you desaturate by 10%, it is **48, 73.470, 311.156**.

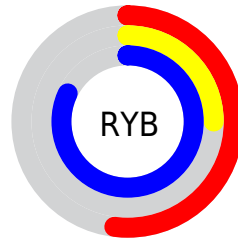
Distribution



Red (52%)

Green (25%)

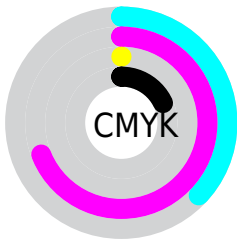
Blue (82%)



Red (52%)

Yellow (25%)

Blue (82%)

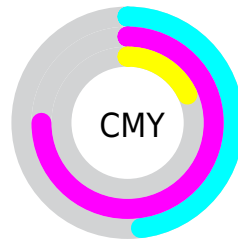


Cyan (37%)

Magenta (69%)

Yellow (0%)

Black (18%)



Cyan (48%)


Magenta (75%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 85.149, 311.578 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, 85.149, 311.578 by changing the saturation by 10% instead.


 43, 85.149,
311.578


 43, 85.149,
311.578


 100, 85.149,
311.578


 33, 85.149,
311.578

 63, 85.149,
311.578


 23, 85.149,
311.578

 73, 85.149,
311.578

 13, 85.149,
311.578

 83, 85.149,
311.578

 3, 85.149, 311.578

 93, 85.149,
311.578

 0, 85.149, 311.578

 43, 85.149,

 43, 85.149,

311.578

311.578

■ 39, 95.303,
311.787

■ 48, 73.470,
311.156

■ 35, 103.021,
311.657

■ 54, 61.018,
310.620

■ 32, 107.918,
311.151

■ 60, 48.307,
310.041

■ 32, 108.189,
311.122


■ 66, 35.644,
309.464

■ 72, 23.207,
308.913

■ 78, 11.083,
308.401

■ 84, 0.686, 128.114

■ 90, 12.087,
127.550

 97, 23.126,
127.183

Harmonies

Complementary

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



43, 85.149, 311.578



77, 75.871, 125.200

Rectangle

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



43, 85.149, 311.578



43, 85.149, 1.578



43, 85.149, 131.578



43, 85.149, 181.578

Sweetspot

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



43, 85.148, 311.578



85, 29.606, 309.012



57, 41.757, 267.471



43, 20.116, 309.164



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 85.148, 311.578



45, 115.258, 311.777



53, 85.518, 326.676



41, 6.694, 308.401



25, 91.951, 311.292



3, 26.578, 306.312

Inverse Universe

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



51, 63.902, 350.433



57, 82.219, 353.977



74, 86.664, 137.703



41, 5.536, 342.734



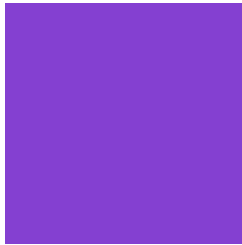
36, 62.536, 358.785



5, 22.145, 351.918

Previews

White Background



This preview shows how the CIELCh color 43, 85.149, 311.578 looks on a white background.

Color Contrast Check

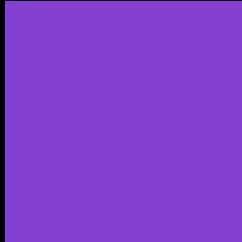
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.149, 311.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

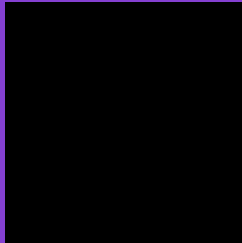
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 85.149, 311.578

Background



This preview shows how black text looks on a background with the CIELCh color 43, 85.149, 311.578.



This preview shows how white text looks on a background with the CIELCh color 43, 85.149, 311.578.

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


43, 85.149, 311.578

Protanopia

43, 66.119, 287.146

Deuteranopia

43, 47.906, 275.634



Tritanopia
43, 7.234, 338.718

Trichromacy



Original Color
43, 85.149, 311.578

Protanomaly
41, 73.282, 294.319

Deuteranomaly
40, 61.740, 290.765

Tritanomaly
42, 36.379, 313.537

Monochromacy



Original Color
43, 85.149, 311.578

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 32.715, 309.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 85.149, 311.578 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(132, 64, 209)` looks like.

```
.text, #text, p{  
    color:rgb(132, 64, 209)  
}
```

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(132, 64, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 64, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 85.149, 311.578 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(132, 64, 209) }
```

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

```
.border{ border-color:rgb(132, 64, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 64, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 64, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 64, 209);  
box-shadow:4px 4px 4px 4px rgb(132, 64,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 85.149, 311.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 64, 209) }
```

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

```
.background{ background-color: rgb(132, 64,  
209) }
```

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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