

Converting Colors

CIELCh(43, 83.856, 316.141)

Have a look what the booklet for
CIELCh(43, 83.856, 316.141)
contains.

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Color

CIELCh(43, 83.856, 316.141)

Conversions

Conversions Part 1

Format	Color
Hex	9238C7
RGB	146, 56, 199
RGB Percent	57%, 22%, 78%
CMY	0.4259, 0.7788, 0.2180
CMYK	0.27, 0.72, 0.00, 0.22
HSL	278°, 56%, 50%
HSV	278°, 72%, 78%
XYZ	23.7152, 13.1578, 55.5672
YIQ	99.2120, 7.7370, 63.5530

Conversions

Conversions Part 2

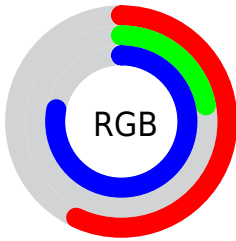
Format	Color
R _Y B	146, 56, 199
Decimal	9582791
CIE Lab	43.00, 60.46, -58.10
CIE LCh	43, 83.856, 316.141
Yxy	13.1578, 0.2565, 0.1423
Android (android.graphics.Color)	4287772871 (0xFF9238C7)
YUV	99.2120, 49.1955, 41.0331
Hunter-Lab	36.2736, 53.2220, -65.4343

Details

The CIELCh color **43, 83.856, 316.141** 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 **73, 78.551, 130.416**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 82.884, 316.362**, and **24, 79.274, 315.318** is the 20% darker color. If you saturate the color by 10%, you get **39, 92.129, 316.073**, and if you desaturate by 10%, it is **47, 73.703, 315.981**.

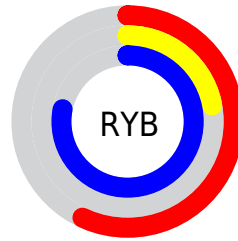
Distribution



Red (57%)

Green (22%)

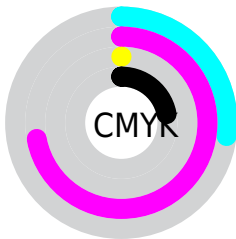
Blue (78%)



Red (57%)

Yellow (22%)

Blue (78%)

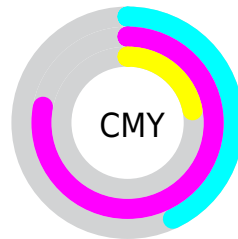


Cyan (27%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (43%)


Magenta (78%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 83.856, 316.141 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, 83.856, 316.141 by changing the saturation by 10% instead.


 43, 83.856,
316.141


 43, 83.856,
316.141


 100, 83.856,
316.141


 33, 83.856,
316.141

 63, 83.856,
316.141


 23, 83.856,
316.141

 73, 83.856,
316.141

 13, 83.856,
316.141

 83, 83.856,
316.141

 3, 83.856, 316.141

 93, 83.856,
316.141

 0, 83.856, 316.141

 43, 83.856,

 43, 83.856,

316.141

■ 39, 92.129,
316.073

■ 37, 97.885,
315.697

■ 35, 100.921,
315.178

316.141

■ 47, 73.703,
315.981

■ 52, 62.350,
315.671

■ 57, 50.352,
315.272

■ 63, 38.105,
314.831

■ 68, 25.870,
314.379

■ 74, 13.805,
313.933

■ 79, 2.001, 313.447

■ 85, 9.494, 133.155

■ 91, 20.661,
132.790

Harmonies

Complementary

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



43, 83.856, 316.141



73, 78.551, 130.416

Rectangle

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



43, 83.856, 316.141



43, 83.856, 6.141



43, 83.856, 136.141



43, 83.856, 186.141

Sweetspot

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



43, 83.855, 316.141



85, 32.023, 314.406



48, 52.585, 283.048



43, 21.572, 314.531



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, 83.855, 316.141



49, 115.122, 315.907



50, 77.970, 331.967



39, 6.652, 313.830



28, 86.882, 315.332



3, 23.037, 310.956

Inverse Universe

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



47, 59.828, 2.801



56, 81.007, 8.580



71, 80.530, 140.644



39, 4.796, 352.065



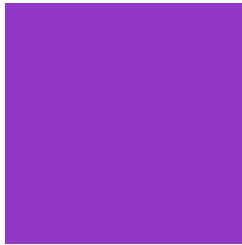
34, 61.042, 13.950



4, 16.866, 0.526

Previews

White Background



This preview shows how the CIELCh color 43, 83.856, 316.141 looks on a white background.

Color Contrast Check

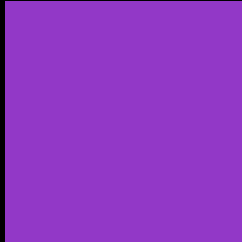
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.856, 316.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

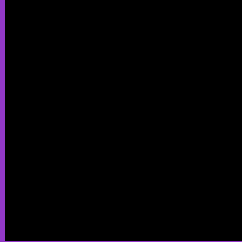
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 83.856, 316.141

Background



This preview shows how black text looks on a background with the CIELCh color 43, 83.856, 316.141.



This preview shows how white text looks on a background with the CIELCh color 43, 83.856, 316.141.

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, 83.856, 316.141

Protanopia

43, 66.119, 287.146

Deuteranopia

43, 48.956, 276.465



Tritanopia
43, 17.275, 7.981

Trichromacy



Original Color
43, 83.856, 316.141

Protanomaly
40, 73.454, 295.439

Deuteranomaly
40, 61.796, 291.943

Tritanomaly
42, 39.941, 327.123

Monochromacy



Original Color
43, 83.856, 316.141

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 33.756, 315.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 83.856, 316.141 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(146, 56, 199)` looks like.

```
.text, #text, p{  
    color:rgb(146, 56, 199)  
}
```

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(146, 56, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 56, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 83.856, 316.141 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(146, 56, 199) }
```

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

```
.border{ border-color:rgb(146, 56, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 56, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 56, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 56, 199);  
box-shadow:4px 4px 4px 4px rgb(146, 56,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 83.856, 316.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 56, 199) }
```

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

```
.background{ background-color: rgb(146, 56,  
199) }
```

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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