

Converting Colors

CIELCh(44, 58.817, 318.372)

Have a look what the booklet for
CIELCh(44, 58.817, 318.372)
contains.

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Color

CIELCh(44, 58.885, 318.353)

Conversions

Conversions Part 1

Format	Color
Hex	8F4CAA
RGB	143, 76, 170
RGB Percent	56%, 30%, 67%
CMY	0.4403, 0.7030, 0.3344
CMYK	0.16, 0.55, 0.00, 0.33
HSL	283°, 38%, 48%
HSV	283°, 55%, 67%
XYZ	21.0733, 13.8382, 39.4496
YIQ	106.7490, 9.7580, 43.4380

Conversions

Conversions Part 2

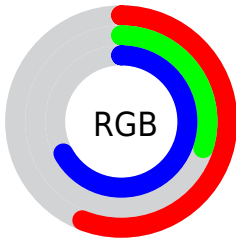
Format	Color
R_{YB}	143, 76, 170
Decimal	9391274
CIE _{Lab}	44.00, 44.00, -39.13
CIE _{LCh}	44, 58.885, 318.353
Yxy	13.8382, 0.2834, 0.1861
Android (android.graphics.Color)	4287581354 (0xFF8F4CAA)
YUV	106.7490, 31.1827, 31.7921
Hunter-Lab	37.1997, 36.0191, -36.8361

Details

The CIELCh color **44, 58.885, 318.353** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **63, 56.806, 133.308**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 58.791, 318.346**, and **24, 58.650, 318.453** is the 20% darker color. If you saturate the color by 10%, you get **40, 68.307, 318.579**, and if you desaturate by 10%, it is **48, 48.623, 318.020**.

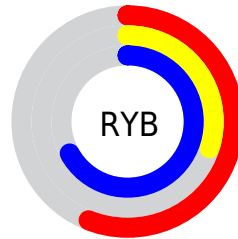
Distribution



Red (56%)

Green (30%)

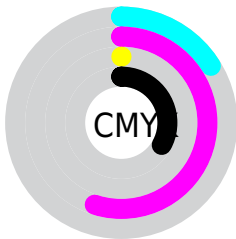
Blue (67%)



Red (56%)

Yellow (30%)

Blue (67%)

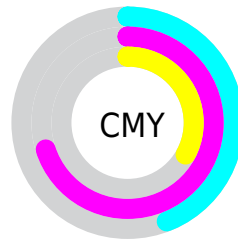


Cyan (16%)

Magenta (55%)

Yellow (0%)

Black (33%)



Cyan (44%)


Magenta (70%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 58.885, 318.353 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 44, 58.885, 318.353 by changing the saturation by 10% instead.


 44, 58.885,
318.353


 44, 58.885,
318.353


 100, 58.885,
318.353


 34, 58.885,
318.353

 64, 58.885,
318.353

 24, 58.885,
318.353

 74, 58.885,
318.353

 14, 58.885,
318.353

 84, 58.885,
318.353

 4, 58.885, 318.353

 94, 58.885,
318.353

 0, 58.885, 318.353

 44, 58.885,

 44, 58.885,

318.353

40, 68.307,
318.579

37, 76.389,
318.645

34, 82.598,
318.487

32, 86.564,
318.058

32, 88.034,
317.825

318.353

48, 48.623,
318.020

53, 37.926,
317.625

57, 27.080,
317.199

62, 16.276,
316.765

67, 5.634, 316.325

72, 4.777, 135.987

77, 14.919,
135.587

82, 24.775,
135.235

■ 87, 34.344,
134.914

Harmonies

Complementary

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



44, 58.885, 318.353



63, 56.806, 133.308

Rectangle

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



44, 58.885, 318.353



44, 58.885, 8.353



44, 58.885, 138.353



44, 58.885, 188.353

Sweetspot

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



44, 58.884, 318.353



78, 22.420, 316.849



45, 39.623, 283.872



40, 15.142, 316.933



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



44, 58.884, 318.353



52, 85.366, 318.605



47, 53.486, 334.195



33, 5.915, 316.500



27, 79.522, 317.928



1, 10.492, 313.767

Inverse Universe

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



45, 41.460, 4.628



54, 60.510, 7.746



62, 53.816, 145.463



33, 3.994, 357.651



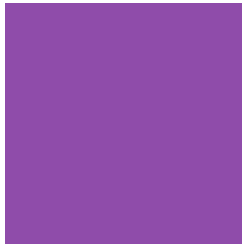
31, 58.429, 21.145



1, 7.014, 359.713

Previews

White Background



This preview shows how the CIELCh color 44, 58.885, 318.353 looks on a white background.

Color Contrast Check

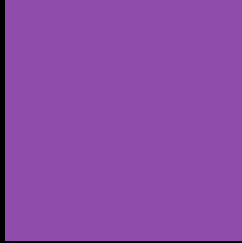
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 58.885, 318.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

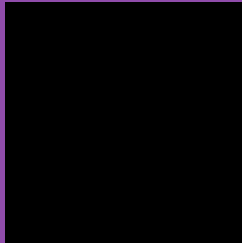
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 58.885, 318.353

Background



This preview shows how black text looks on a background with the CIELCh color 44, 58.885, 318.353.



This preview shows how white text looks on a background with the CIELCh color 44, 58.885, 318.353.

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

44, 58.885, 318.353

Protanopia

44, 55.718, 287.025

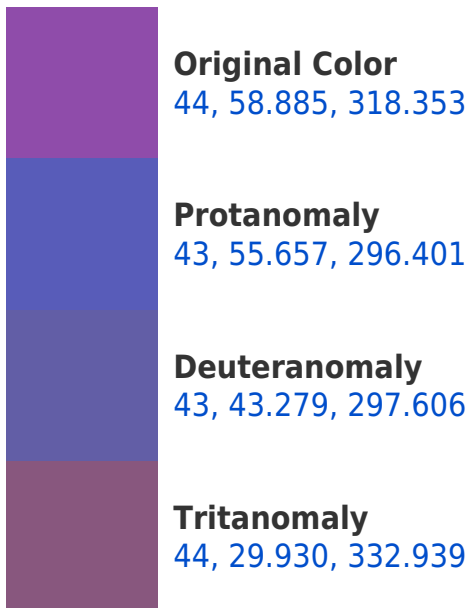
Deuteranopia

44, 36.516, 280.586

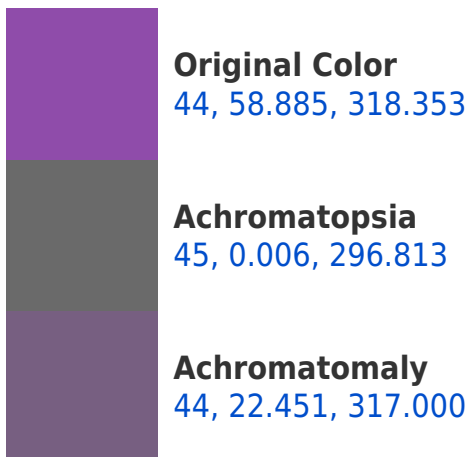


Tritanopia
44, 16.757, 7.464

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 58.885, 318.353 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(143, 76, 170)` looks like.

```
.text, #text, p{  
    color:rgb(143, 76, 170)  
}
```

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(143, 76, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 76, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 58.885, 318.353 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(143, 76, 170) }
```

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

```
.border{ border-color:rgb(143, 76, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 76, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 76, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 76, 170);  
box-shadow:4px 4px 4px 4px rgb(143, 76,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 58.885, 318.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 76, 170) }
```

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

```
.background{ background-color: rgb(143, 76,  
170) }
```

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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