

Converting Colors

CIELCh(43, 52.350, 319.147)

Have a look what the booklet for
CIELCh(43, 52.350, 319.147)
contains.

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Color

CIELCh(43, 52.422, 319.199)

Conversions

Conversions Part 1

Format	Color
Hex	8A4D9F
RGB	138, 77, 159
RGB Percent	54%, 30%, 62%
CMY	0.4597, 0.6989, 0.3774
CMYK	0.13, 0.52, 0.00, 0.38
HSL	285°, 35%, 46%
HSV	285°, 52%, 62%
XYZ	19.3214, 13.1578, 34.2200
YIQ	104.5870, 10.0340, 38.4340

Conversions

Conversions Part 2

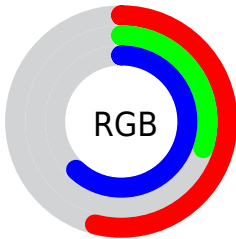
Format	Color
R_{YB}	138, 77, 159
Decimal	9063839
CIE _{Lab}	43.00, 39.68, -34.25
CIE _{LCh}	43, 52.422, 319.199
Yxy	13.1578, 0.2897, 0.1973
Android (android.graphics.Color)	4287253919 (0xFF8A4D9F)
YUV	104.5870, 26.8256, 29.3032
Hunter-Lab	36.2736, 31.6005, -30.5418

Details

The CIELCh color $[43, 52.422, 319.199]$ is a dark color, and the websafe version is hex `#9966CC`. A complement of this color would be $[60, 50.941, 134.382]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 52.456, 319.195]$, and $[23, 52.631, 319.406]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 61.644, 319.467]$, and if you desaturate by 10%, it is $[47, 42.523, 318.844]$.

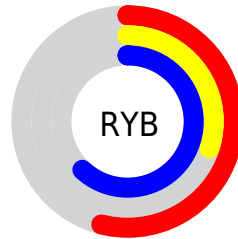
Distribution



Red (54%)

Green (30%)

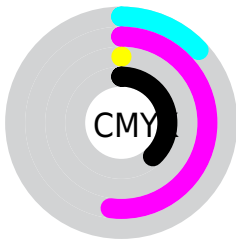
Blue (62%)



Red (54%)

Yellow (30%)

Blue (62%)

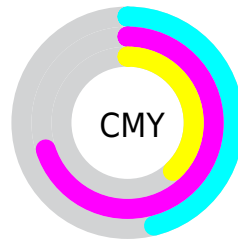


Cyan (13%)

Magenta (52%)

Yellow (0%)

Black (38%)



Cyan (46%)

Magenta (70%)

Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 52.422, 319.199 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, 52.422, 319.199 by changing the saturation by 10% instead.


 43, 52.422,
319.199


 43, 52.422,
319.199


 100, 52.422,
319.199

 33, 52.422,
319.199

 63, 52.422,
319.199


 23, 52.422,
319.199

 73, 52.422,
319.199

 13, 52.422,
319.199

 83, 52.422,
319.199

 3, 52.422, 319.199

 93, 52.422,
319.199

 0, 52.422, 319.199

 43, 52.422,

 43, 52.422,

319.199

■ 39, 61.644,
319.467

■ 36, 69.756,
319.601

■ 34, 76.268,
319.548

■ 32, 80.766,
319.258

■ 30, 83.344,
318.882

319.199

■ 47, 42.523,
318.844

■ 51, 32.293,
318.439

■ 56, 21.971,
318.011


■ 60, 11.718,
317.576

■ 65, 1.635, 317.073

■ 69, 8.221, 136.794

■ 74, 17.818,
136.410

■ 79, 27.144,
136.061

 83, 36.198,
135.742

Harmonies

Complementary

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



43, 52.422, 319.199



60, 50.941, 134.382

Rectangle

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



43, 52.422, 319.199



43, 52.422, 9.199



43, 52.422, 139.199



43, 52.422, 189.199

Sweetspot

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



43, 52.421, 319.199



74, 18.779, 317.735



43, 36.439, 285.021



38, 12.936, 317.822



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 52.421, 319.199



51, 76.571, 319.498



45, 46.665, 335.276



31, 5.663, 317.471



27, 77.091, 318.958



1, 7.275, 316.006

Inverse Universe

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



44, 36.482, 6.080



52, 53.970, 8.914



59, 46.670, 147.088



31, 3.738, 359.863



29, 57.788, 23.657



1, 4.764, 0.029

Previews

White Background



This preview shows how the CIELCh color 43, 52.422, 319.199 looks on a white background.

Color Contrast Check

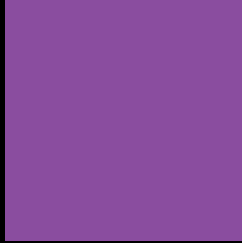
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.422, 319.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

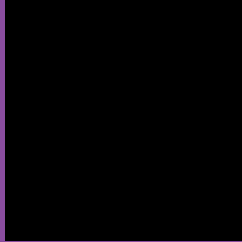
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 52.422, 319.199

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.422, 319.199.

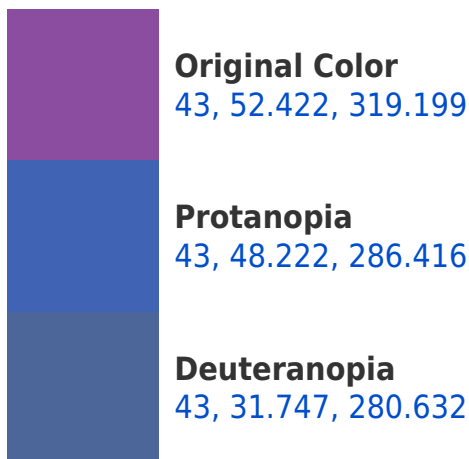


This preview shows how white text looks on a background with the CIELCh color 43, 52.422, 319.199.

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, 16.394, 7.064

Trichromacy



Original Color
43, 52.422, 319.199

Protanomaly
42, 48.757, 296.763

Deuteranomaly
43, 38.080, 298.289

Tritanomaly
43, 27.601, 334.211

Monochromacy



Original Color
43, 52.422, 319.199

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 20.048, 317.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.422, 319.199 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(138, 77, 159)` looks like.

```
.text, #text, p{  
    color:rgb(138, 77, 159)  
}
```

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(138, 77, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 77, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.422, 319.199 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(138, 77, 159) }
```

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

```
.border{ border-color:rgb(138, 77, 159) }
```

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

Here you see how a box with a 4 pixel rgb(138, 77, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 77, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 77, 159);  
box-shadow:4px 4px 4px 4px rgb(138, 77,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.422, 319.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 77, 159) }
```

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

```
.background{ background-color: rgb(138, 77,  
159) }
```

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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