

Converting Colors

CIELCh(43, 69.909, 316.162)

Have a look what the booklet for
CIELCh(43, 69.909, 316.162)
contains.

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Color

CIELCh(43, 69.920, 316.163)

Conversions

Conversions Part 1

Format	Color
Hex	8D44B7
RGB	141, 68, 183
RGB Percent	55%, 27%, 72%
CMY	0.4480, 0.7342, 0.2833
CMYK	0.23, 0.63, 0.00, 0.28
HSL	278°, 46%, 49%
HSV	278°, 63%, 72%
XYZ	21.5197, 13.1578, 46.0742
YIQ	102.9370, 6.5930, 51.2410

Conversions

Conversions Part 2

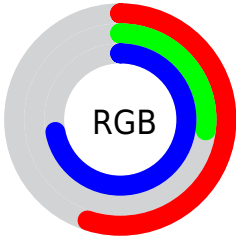
Format	Color
R_{YB}	141, 68, 183
Decimal	9258167
CIE _{Lab}	43.00, 50.43, -48.43
CIE _{LCh}	43, 69.920, 316.163
Yxy	13.1578, 0.2665, 0.1629
Android (android.graphics.Color)	4287448247 (0xFF8D44B7)
YUV	102.9370, 39.4711, 33.3813
Hunter-Lab	36.2736, 42.4181, -49.9177

Details

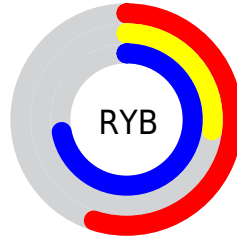
The CIELCh color $43, 69.920, 316.163$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $68, 65.974, 130.753$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 70.201, 316.010$, and $23, 69.723, 316.287$ is the 20% darker color. If you saturate the color by 10%, you get $39, 79.234, 316.303$, and if you desaturate by 10%, it is $47, 59.433, 315.869$.

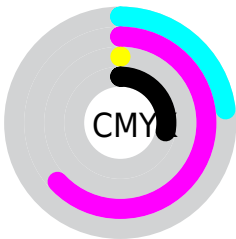
Distribution



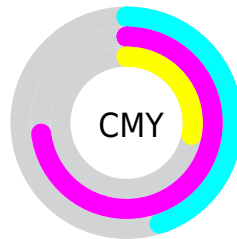
- Red (55%)
- Green (27%)
- Blue (72%)



- Red (55%)
- Yellow (27%)
- Blue (72%)



- Cyan (23%)
- Magenta (63%)
- Yellow (0%)
- Black (28%)





- Cyan (45%)
- Magenta (73%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 69.920, 316.163 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, 69.920, 316.163 by changing the saturation by 10% instead.


 43, 69.920,
316.163


 43, 69.920,
316.163


 100, 69.920,
316.163


 33, 69.920,
316.163

 63, 69.920,
316.163


 23, 69.920,
316.163

 73, 69.920,
316.163

 13, 69.920,
316.163

 83, 69.920,
316.163

 3, 69.920, 316.163

 93, 69.920,
316.163

 0, 69.920, 316.163

 43, 69.920,

 43, 69.920,

316.163

39, 79.234,
316.303

36, 86.754,
316.212

33, 91.908,
315.814

32, 94.430,
315.396

316.163

47, 59.433,
315.869

52, 48.301,
315.482

57, 36.902,
315.049

62, 25.488,
314.601

67, 14.216,
314.158

73, 3.175, 313.703

78, 7.585, 133.380

83, 18.042,
133.010

■ 89, 28.192,
132.682

Harmonies

Complementary

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



43, 69.920, 316.163



68, 65.974, 130.753

Rectangle

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



43, 69.920, 316.163



43, 69.920, 6.163



43, 69.920, 136.163



43, 69.920, 186.163

Sweetspot

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



43, 69.919, 316.163



81, 26.025, 314.440



47, 43.781, 281.291



42, 18.108, 314.568



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 69.919, 316.163



50, 99.643, 316.302



48, 65.751, 332.085



36, 6.234, 314.001



27, 83.755, 315.527



2, 16.389, 309.719

Inverse Universe

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



46, 50.236, 0.664



55, 70.784, 4.555



66, 66.941, 142.379



36, 4.475, 352.400



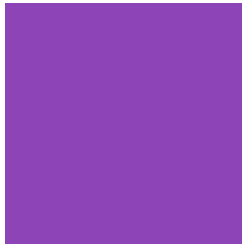
33, 58.968, 14.226



2, 11.464, 358.282

Previews

White Background



This preview shows how the CIELCh color 43, 69.920, 316.163 looks on a white background.

Color Contrast Check

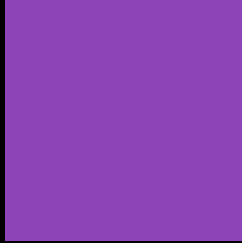
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.920, 316.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

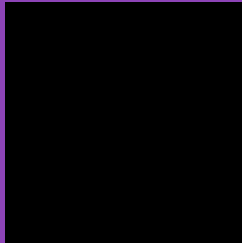
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 69.920, 316.163

Background



This preview shows how black text looks on a background with the CIELCh color 43, 69.920, 316.163.

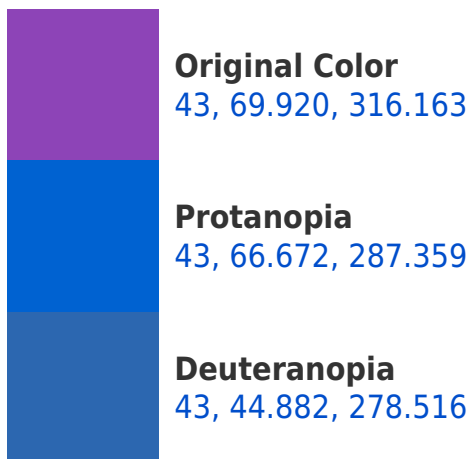



This preview shows how white text looks on a background with the CIELCh color 43, 69.920, 316.163.

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, 15.549, 6.094

Trichromacy



Original Color
43, 69.920, 316.163



Protanomaly
41, 67.520, 293.144



Deuteranomaly
42, 53.031, 294.261



Tritanomaly
42, 33.144, 328.140

Monochromacy



Original Color
43, 69.920, 316.163



Achromatopsia
44, 0.006, 296.813



Achromatomaly
42, 27.357, 315.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 69.920, 316.163 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(141, 68, 183)` looks like.

```
.text, #text, p{  
    color:rgb(141, 68, 183)  
}
```

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(141, 68, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 68, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 69.920, 316.163 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(141, 68, 183) }
```

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

```
.border{ border-color:rgb(141, 68, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 68, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 68, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 68, 183);  
box-shadow:4px 4px 4px 4px rgb(141, 68,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 69.920, 316.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 68, 183) }
```

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

```
.background{ background-color: rgb(141, 68,  
183) }
```

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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