

Converting Colors

CIELCh(43, 88.360, 319.976)

Have a look what the booklet for
CIELCh(43, 88.360, 319.976)
contains.

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Color

CIELCh(43, 88.277, 320.120)

Conversions

Conversions Part 1

Format	Color
Hex	A02AC5
RGB	160, 42, 197
RGB Percent	63%, 16%, 77%
CMY	0.3726, 0.8353, 0.2275
CMYK	0.19, 0.79, 0.00, 0.23
HSL	286°, 65%, 47%
HSV	286°, 79%, 77%
XYZ	25.3987, 13.1578, 54.0163
YIQ	94.9520, 20.5730, 73.2210

Conversions

Conversions Part 2

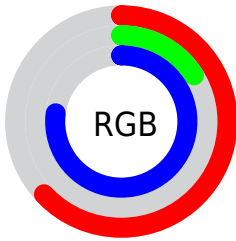
Format	Color
R_{YB}	160, 42, 197
Decimal	10496709
CIE _{Lab}	43.00, 67.74, -56.60
CIE _{LCh}	43, 88.277, 320.120
Yxy	13.1578, 0.2744, 0.1421
Android (android.graphics.Color)	4288686789 (0xFFA02AC5)
YUV	94.9520, 50.3097, 57.0471
Hunter-Lab	36.2736, 61.5062, -62.8992

Details

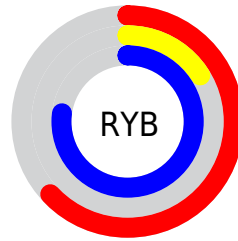
The CIELCh color **43, 88.277, 320.120** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **71, 86.137, 133.628**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 88.297, 320.120**, and **26, 77.013, 318.364** is the 20% darker color. If you saturate the color by 10%, you get **41, 93.940, 319.880**, and if you desaturate by 10%, it is **46, 80.236, 320.131**.

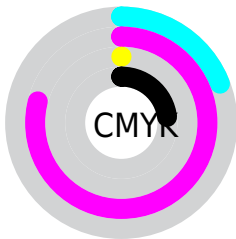
Distribution



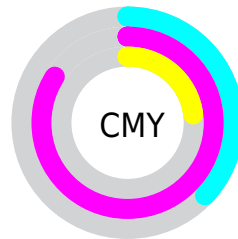
- Red (63%)
- Green (16%)
- Blue (77%)



- Red (63%)
- Yellow (16%)
- Blue (77%)



- Cyan (19%)
- Magenta (79%)
- Yellow (0%)
- Black (23%)




- Cyan (37%)
- Magenta (84%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 88.277, 320.120 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, 88.277, 320.120 by changing the saturation by 10% instead.

 43, 88.277,
320.120


 43, 88.277,
320.120


 100, 88.277,
320.120


 33, 88.277,
320.120

 63, 88.277,
320.120


 23, 88.277,
320.120

 73, 88.277,
320.120

 13, 88.277,
320.120

 83, 88.277,
320.120

 3, 88.277, 320.120

 93, 88.277,
320.120

 0, 88.277, 320.120

 43, 88.277,

 43, 88.277,

320.120

41, 93.940,
319.880

39, 97.196,
319.401

39, 97.569,
319.335

320.120

46, 80.236,
320.131

50, 70.342,
319.964

54, 59.182,
319.672

59, 47.272,
319.298

64, 35.011,
318.879

69, 22.676,
318.439

75, 10.449,
317.993

80, 1.555, 137.714

■ 86, 13.273,
137.200

Harmonies

Complementary

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



43, 88.277, 320.120



71, 86.137, 133.628

Rectangle

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



43, 88.277, 320.120



43, 88.277, 10.120



43, 88.277, 140.120



43, 88.277, 190.120

Sweetspot

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



43, 88.276, 320.120



84, 36.050, 318.690



38, 70.603, 294.137



43, 24.809, 318.849



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, 88.276, 320.120



51, 116.940, 319.570



47, 74.252, 338.631



39, 6.881, 318.025



32, 84.812, 319.445



3, 24.077, 316.660

Inverse Universe

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



44, 63.793, 16.065



54, 88.235, 24.297



70, 78.049, 143.403



39, 4.489, 1.169



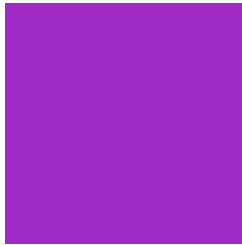
34, 64.666, 25.829



4, 16.297, 7.233

Previews

White Background



This preview shows how the CIELCh color 43, 88.277, 320.120 looks on a white background.

Color Contrast Check

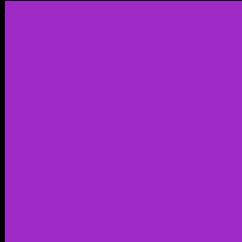
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.277, 320.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

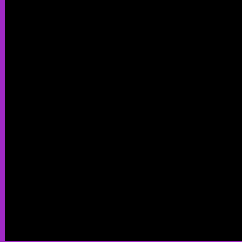
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 88.277, 320.120

Background



This preview shows how black text looks on a background with the CIELCh color 43, 88.277, 320.120.



This preview shows how white text looks on a background with the CIELCh color 43, 88.277, 320.120.

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, 88.277, 320.120

Protanopia

44, 66.048, 286.935

Deuteranopia

43, 49.484, 276.868



Tritanopia
43, 26.650, 15.852

Trichromacy



Original Color
43, 88.277, 320.120



Protanomaly
39, 76.584, 297.462



Deuteranomaly
39, 65.609, 294.956



Tritanomaly
42, 45.942, 336.028

Monochromacy



Original Color
43, 88.277, 320.120



Achromatopsia
40, 0.006, 296.813



Achromatomaly
39, 37.416, 319.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 88.277, 320.120 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(160, 42, 197)` looks like.

```
.text, #text, p{  
    color:rgb(160, 42, 197)  
}
```

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(160, 42, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 42, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 88.277, 320.120 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(160, 42, 197) }
```

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

```
.border{ border-color:rgb(160, 42, 197) }
```

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

Here you see how a box with a 4 pixel rgb(160, 42, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 42, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 42, 197);  
box-shadow:4px 4px 4px 4px rgb(160, 42,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 88.277, 320.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 42, 197) }
```

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

```
.background{ background-color: rgb(160, 42,  
197) }
```

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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