

Converting Colors

CIELCh(43, 94.349, 320.437)

Have a look what the booklet for
CIELCh(43, 94.349, 320.437)
contains.

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Color

CIELCh(43, 94.352, 320.413)

Conversions

Conversions Part 1

Format	Color
Hex	A41ECB
RGB	164, 30, 203
RGB Percent	64%, 12%, 80%
CMY	0.3564, 0.8817, 0.2035
CMYK	0.19, 0.85, 0.00, 0.20
HSL	286°, 74%, 46%
HSV	286°, 85%, 80%
XYZ	26.5929, 13.1578, 57.7042
YIQ	89.7880, 24.3310, 82.2110

Conversions

Conversions Part 2

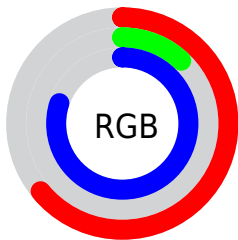
Format	Color
R_{YB}	164, 30, 203
Decimal	10755787
CIE _{Lab}	43.00, 72.71, -60.13
CIE _{LCh}	43, 94.352, 320.413
Yxy	13.1578, 0.2729, 0.1350
Android (android.graphics.Color)	4288945867 (0xFFA41ECB)
YUV	89.7880, 55.8135, 65.0839
Hunter-Lab	36.2736, 67.3828, -68.9271

Details

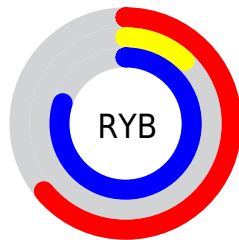
The CIELCh color **43, 94.352, 320.413** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **72, 92.718, 133.881**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 91.915, 321.273**, and **27, 79.513, 318.039** is the 20% darker color. If you saturate the color by 10%, you get **41, 98.307, 320.017**, and if you desaturate by 10%, it is **46, 87.757, 320.562**.

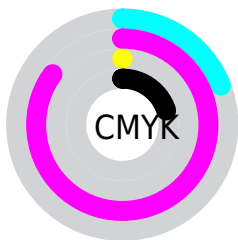
Distribution



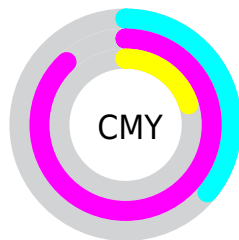
- Red (64%)
- Green (12%)
- Blue (80%)



- Red (64%)
- Yellow (12%)
- Blue (80%)



- Cyan (19%)
- Magenta (85%)
- Yellow (0%)
- Black (20%)





- Cyan (36%)
- Magenta (88%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 94.352, 320.413 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, 94.352, 320.413 by changing the saturation by 10% instead.


 43, 94.352,
320.413


 43, 94.352,
320.413


 100, 94.352,
320.413

 33, 94.352,
320.413

 63, 94.352,
320.413


 23, 94.352,
320.413

 73, 94.352,
320.413

 13, 94.352,
320.413

 83, 94.352,
320.413

 3, 94.352, 320.413

 93, 94.352,
320.413

 0, 94.352, 320.413

 43, 94.352,

 43, 94.352,

320.413

■ 41, 98.307,
320.017

■ 40, 99.621,
319.771

320.413

■ 46, 87.757,
320.562

■ 49, 78.874,
320.503

■ 53, 68.271,
320.286

■ 58, 56.535,
319.961

■ 63, 44.160,
319.567

■ 68, 31.516,
319.136

■ 73, 18.858,
318.691

■ 79, 6.352, 318.233

Harmonies

Complementary

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



43, 94.352, 320.413



72, 92.718, 133.881

Rectangle

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



43, 94.352, 320.413



43, 94.352, 10.413



43, 94.352, 140.413



43, 94.352, 190.413

Sweetspot

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



43, 94.351, 320.413



83, 39.216, 319.189



36, 80.856, 297.091



42, 26.617, 319.342



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, 94.351, 320.413



51, 118.309, 319.668



47, 77.554, 340.368



40, 7.052, 318.432



33, 85.612, 319.883



4, 26.693, 318.277

Inverse Universe

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



44, 69.562, 20.141



54, 92.322, 28.682



72, 83.420, 142.750



40, 4.560, 2.148



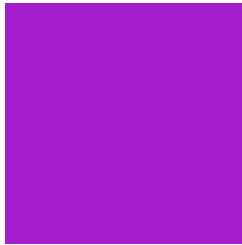
34, 65.968, 26.979



4, 18.288, 8.445

Previews

White Background



This preview shows how the CIELCh color 43, 94.352, 320.413 looks on a white background.

Color Contrast Check

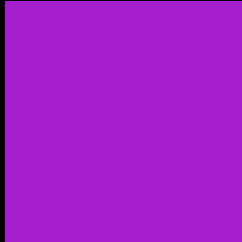
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.352, 320.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

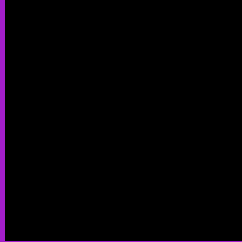
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 94.352, 320.413

Background



This preview shows how black text looks on a background with the CIELCh color 43, 94.352, 320.413.



This preview shows how white text looks on a background with the CIELCh color 43, 94.352, 320.413.

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, 94.352, 320.413

Protanopia

44, 66.048, 286.935

Deuteranopia

43, 49.484, 276.868



Tritanopia
43, 28.959, 16.900

Trichromacy



Original Color
43, 94.352, 320.413

Protanomaly
38, 80.202, 298.894

Deuteranomaly
38, 69.324, 296.795

Tritanomaly
41, 49.519, 337.306

Monochromacy



Original Color
43, 94.352, 320.413

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 42.089, 320.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 94.352, 320.413 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(164, 30, 203)` looks like.

```
.text, #text, p{  
    color:rgb(164, 30, 203)  
}
```

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(164, 30, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 30, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 94.352, 320.413 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(164, 30, 203) }
```

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

```
.border{ border-color:rgb(164, 30, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 30, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 30, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 30, 203);  
box-shadow:4px 4px 4px 4px rgb(164, 30,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 94.352, 320.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 30, 203) }
```

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

```
.background{ background-color: rgb(164, 30,  
203) }
```

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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