

Converting Colors

CIELCh(43, 95.511, 324.070)

Have a look what the booklet for
CIELCh(43, 95.511, 324.070)
contains.

CIELCh(43, 95.401, 324.061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 95.401, 324.061)

Conversions

Conversions Part 1

Format	Color
Hex	AF02C4
RGB	175, 2, 196
RGB Percent	69%, 1%, 77%
CMY	0.3131, 0.9940, 0.2308
CMYK	0.11, 0.99, 0.00, 0.23
HSL	294°, 98%, 39%
HSV	294°, 99%, 77%
XYZ	27.7127, 13.1578, 53.3959
YIQ	75.8430, 40.8340, 97.0100

Conversions

Conversions Part 2

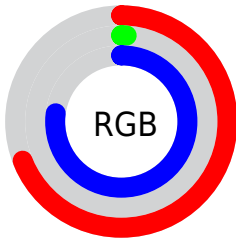
Format	Color
RYB	175, 2, 196
Decimal	11469508
CIELab	43.00, 77.24, -55.99
CIElCh	43, 95.401, 324.061
Yxy	13.1578, 0.2940, 0.1396
Android (android.graphics.Color)	4289659588 (0xFFAF02C4)
YUV	75.8430, 59.2374, 86.9607
Hunter-Lab	36.2736, 72.8936, -61.8851

Details

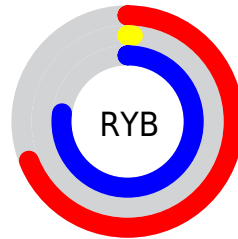
The CIELCh color **43, 95.401, 324.061** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **69, 97.453, 135.538**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 95.178, 324.208**, and **29, 75.424, 321.895** is the 20% darker color. If you saturate the color by 10%, you get **43, 95.574, 324.042**, and if you desaturate by 10%, it is **44, 92.820, 324.283**.

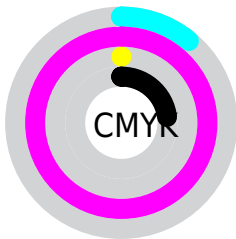
Distribution



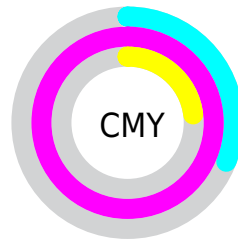
- Red (69%)
- Green (1%)
- Blue (77%)



- Red (69%)
- Yellow (1%)
- Blue (77%)



- Cyan (11%)
- Magenta (99%)
- Yellow (0%)
- Black (23%)





- Cyan (31%)
- Magenta (99%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 95.401, 324.061 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, 95.401, 324.061 by changing the saturation by 10% instead.


 43, 95.401,
324.061


 43, 95.401,
324.061


 100, 95.401,
324.061


 33, 95.401,
324.061

 63, 95.401,
324.061


 23, 95.401,
324.061

 73, 95.401,
324.061

 13, 95.401,
324.061

 83, 95.401,
324.061

 3, 95.401, 324.061

 93, 95.401,
324.061

 0, 95.401, 324.061

 43, 95.401,

 43, 95.401,

324.061

324.061

■ 43, 95.574,
324.042

■ 44, 92.820,
324.283

■ 46, 88.024,
324.356

■ 48, 80.826,
324.272

■ 52, 71.588,
324.052

■ 56, 60.819,
323.728

■ 60, 49.035,
323.329

■ 64, 36.676,
322.880

■ 69, 24.079,
322.404

■ 74, 11.483,
321.913

Harmonies

Complementary

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



43, 95.401, 324.061



69, 97.453, 135.538

Rectangle

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



43, 95.401, 324.061



43, 95.401, 14.061



43, 95.401, 144.061



43, 95.401, 194.061

Sweetspot

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



43, 95.399, 324.061



81, 46.586, 322.938



26, 103.261, 304.595



41, 31.745, 323.133



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, 95.399, 324.061



56, 116.460, 323.979



43, 72.181, 351.398



38, 6.992, 321.920



35, 82.411, 324.102



3, 22.910, 321.589

Inverse Universe

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



41, 80.743, 35.342



53, 99.741, 36.332



70, 81.385, 144.061



38, 4.222, 11.225



33, 69.459, 34.922



3, 14.093, 13.532

Previews

White Background



This preview shows how the CIELCh color 43, 95.401, 324.061 looks on a white background.

Color Contrast Check

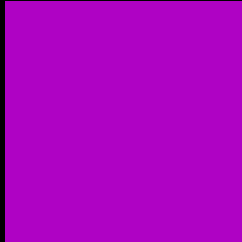
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.401, 324.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

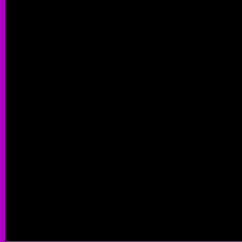
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 95.401, 324.061

Background



This preview shows how black text looks on a background with the CIELCh color 43, 95.401, 324.061.



This preview shows how white text looks on a background with the CIELCh color 43, 95.401, 324.061.

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, 95.292, 324.053

Protanopia

44, 66.530, 286.941

Deuteranopia

44, 48.548, 277.895



Tritanopia
43, 37.781, 21.084

Trichromacy



Original Color
43, 95.292, 324.053



Protanomaly
36, 85.764, 301.574



Deuteranomaly
37, 73.601, 302.671



Tritanomaly
41, 56.635, 343.602

Monochromacy



Original Color
43, 95.292, 324.053



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 48.156, 323.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 95.401, 324.061 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(175, 2, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 2, 196)  
}
```

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(175, 2, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 2, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 95.401, 324.061 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(175, 2, 196) }
```

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

```
.border{ border-color:rgb(175, 2, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 2, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 2, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 2, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 2,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 95.401, 324.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 2, 196) }
```

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

```
.background{ background-color: rgb(175, 2,  
196) }
```

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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