

Converting Colors

CIELCh(43, 79.344, 327.803)

Have a look what the booklet for
CIELCh(43, 79.344, 327.803)
contains.

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Color

CIELCh(43, 79.272, 327.699)

Conversions

Conversions Part 1

Format	Color
Hex	AC26AD
RGB	172, 38, 173
RGB Percent	67%, 15%, 68%
CMY	0.3258, 0.8513, 0.3218
CMYK	0.01, 0.78, 0.00, 0.32
HSL	300°, 64%, 41%
HSV	300°, 78%, 68%
XYZ	25.2245, 13.1578, 40.7119
YIQ	93.4560, 36.5290, 70.3930

Conversions

Conversions Part 2

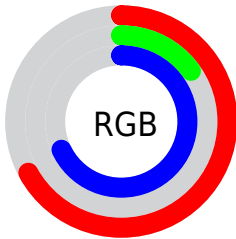
Format	Color
R_{YB}	172, 38, 173
Decimal	11282093
CIE _{Lab}	43.00, 67.00, -42.36
CIE _{LCh}	43, 79.272, 327.699
Yxy	13.1578, 0.3189, 0.1664
Android (android.graphics.Color)	4289472173 (0xFFAC26AD)
YUV	93.4560, 39.2152, 68.8831
Hunter-Lab	36.2736, 60.6490, -41.1530

Details

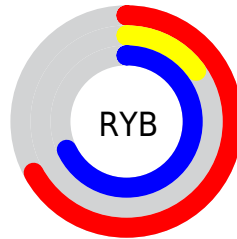
The CIELCh color **43, 79.272, 327.699** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **62, 81.073, 137.304**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 79.061, 327.789**, and **27, 66.315, 326.655** is the 20% darker color. If you saturate the color by 10%, you get **42, 83.620, 327.856**, and if you desaturate by 10%, it is **45, 72.811, 327.449**.

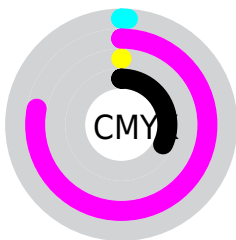
Distribution



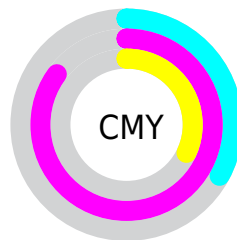
- Red (67%)
- Green (15%)
- Blue (68%)



- Red (67%)
- Yellow (15%)
- Blue (68%)



- Cyan (1%)
- Magenta (78%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (85%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 79.272, 327.699 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, 79.272, 327.699 by changing the saturation by 10% instead.

 43, 79.272,
327.699


 43, 79.272,
327.699


 100, 79.272,
327.699


 33, 79.272,
327.699

 63, 79.272,
327.699


 23, 79.272,
327.699

 73, 79.272,
327.699

 13, 79.272,
327.699

 83, 79.272,
327.699

 3, 79.272, 327.699

 93, 79.272,
327.699

 0, 79.272, 327.699

 43, 79.272,

 43, 79.272,

327.699

327.699

■ 42, 83.620,
327.856

■ 45, 72.811,
327.449

■ 41, 86.011,
327.929

■ 48, 64.505,
327.112

■ 41, 86.402,
327.940

■ 51, 54.758,
326.702

■ 54, 44.009,
326.236

■ 58, 32.657,
325.730

■ 63, 21.025,
325.200

■ 67, 9.350, 324.652

■ 72, 2.202, 144.249

■ 76, 13.525,
143.640

Harmonies

Complementary

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



43, 79.272, 327.699



62, 81.073, 137.304

Rectangle

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



43, 79.272, 327.699



43, 79.272, 17.699



43, 79.272, 147.699



43, 79.272, 197.699

Sweetspot

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



43, 79.270, 327.699



77, 33.092, 325.485



27, 83.058, 302.871



39, 22.866, 325.670



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 79.270, 327.699



53, 103.860, 327.914



40, 58.781, 353.199



34, 6.575, 324.721



35, 77.984, 327.943



2, 13.807, 324.146

Inverse Universe

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



39, 63.294, 32.431



47, 91.494, 38.380



63, 57.461, 153.031



34, 3.817, 19.307



31, 69.709, 39.152



2, 7.803, 18.900

Previews

White Background



This preview shows how the CIELCh color 43, 79.272, 327.699 looks on a white background.

Color Contrast Check

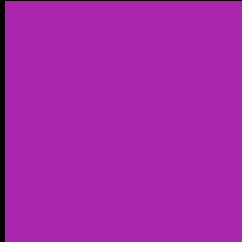
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 79.272, 327.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

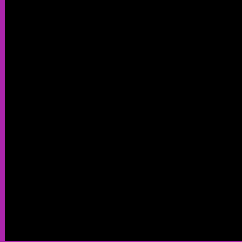
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 79.272, 327.699

Background



This preview shows how black text looks on a background with the CIELCh color 43, 79.272, 327.699.



This preview shows how white text looks on a background with the CIELCh color 43, 79.272, 327.699.

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, 79.272, 327.699

Protanopia

44, 66.600, 287.150

Deuteranopia

44, 37.271, 279.980



Tritanopia
43, 39.231, 21.587

Trichromacy



Original Color
43, 79.272, 327.699

Protanomaly
39, 72.652, 297.711

Deuteranomaly
40, 53.908, 305.966

Tritanomaly
42, 48.617, 350.976

Monochromacy



Original Color
43, 79.272, 327.699

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 34.931, 326.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 79.272, 327.699 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(172, 38, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 38, 173)  
}
```

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(172, 38, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 38, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 79.272, 327.699 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(172, 38, 173) }
```

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

```
.border{ border-color:rgb(172, 38, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 38, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 38, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 38, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 38,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 79.272, 327.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 38, 173) }
```

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

```
.background{ background-color: rgb(172, 38,  
173) }
```

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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