

Converting Colors

CIELCh(43, 81.732, 328.274)

Have a look what the booklet for
CIELCh(43, 81.732, 328.274)
contains.

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Color

CIELCh(43, 81.732, 328.274)

Conversions

Conversions Part 1

Format	Color
Hex	AF1FAE
RGB	175, 31, 174
RGB Percent	69%, 12%, 68%
CMY	0.3136, 0.8782, 0.3175
CMYK	0.00, 0.82, 0.01, 0.31
HSL	300°, 70%, 40%
HSV	300°, 82%, 69%
XYZ	25.8212, 13.1578, 41.2389
YIQ	90.3580, 39.9210, 75.0010

Conversions

Conversions Part 2

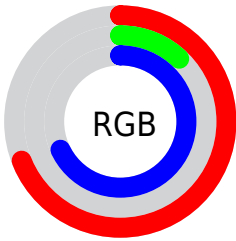
Format	Color
R _Y B	175, 31, 174
Decimal	11476910
CIE Lab	43.00, 69.52, -42.98
CIE LCh	43, 81.732, 328.274
Yxy	13.1578, 0.3219, 0.1640
Android (android.graphics.Color)	4289666990 (0xFFAF1FAE)
YUV	90.3580, 41.2355, 74.2310
Hunter-Lab	36.2736, 63.5856, -42.0144

Details

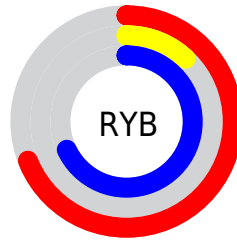
The CIELCh color **43, 81.732, 328.274** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **63, 84.102, 137.119**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 81.698, 328.309**, and **27, 66.649, 327.290** is the 20% darker color. If you saturate the color by 10%, you get **42, 85.133, 328.430**, and if you desaturate by 10%, it is **45, 76.160, 328.033**.

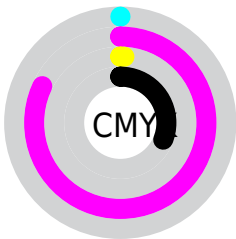
Distribution



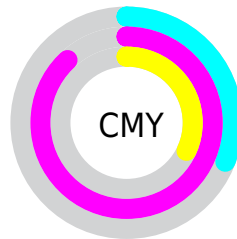
- Red (69%)
- Green (12%)
- Blue (68%)



- Red (69%)
- Yellow (12%)
- Blue (68%)



- Cyan (0%)
- Magenta (82%)
- Yellow (1%)
- Black (31%)





- Cyan (31%)
- Magenta (88%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 81.732, 328.274 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, 81.732, 328.274 by changing the saturation by 10% instead.


 43, 81.732,
328.274


 43, 81.732,
328.274


 100, 81.732,
328.274


 33, 81.732,
328.274

 63, 81.732,
328.274


 23, 81.732,
328.274

 73, 81.732,
328.274

 13, 81.732,
328.274

 83, 81.732,
328.274

 3, 81.732, 328.274

 93, 81.732,
328.274

 0, 81.732, 328.274

 43, 81.732,

 43, 81.732,

328.274

■ 42, 85.133,
328.430

■ 41, 86.681,
328.510

328.274

■ 45, 76.160,
328.033

■ 47, 68.584,
327.709

■ 50, 59.360,
327.311

■ 54, 48.930,
326.854

■ 57, 37.722,
326.352

■ 62, 26.096,
325.822

■ 66, 14.331,
325.275

■ 70, 2.625, 324.660

Harmonies

Complementary

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



43, 81.732, 328.274



63, 84.102, 137.119

Rectangle

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



43, 81.732, 328.274



43, 81.732, 18.274



43, 81.732, 148.274



43, 81.732, 198.274

Sweetspot

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



43, 81.730, 328.274



76, 36.202, 325.993



25, 89.269, 304.105



39, 24.876, 326.176



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 81.730, 328.274



54, 105.068, 328.507



40, 60.499, 355.610



34, 6.559, 325.109



35, 77.544, 328.506



2, 13.760, 324.714

Inverse Universe

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



43, 81.730, 328.274



54, 105.068, 328.507



63, 59.243, 153.031



34, 6.559, 325.109



35, 77.544, 328.506



2, 13.760, 324.714

Previews

White Background



This preview shows how the CIELCh color 43, 81.732, 328.274 looks on a white background.

Color Contrast Check

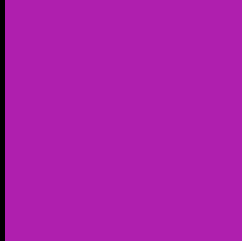
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.732, 328.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

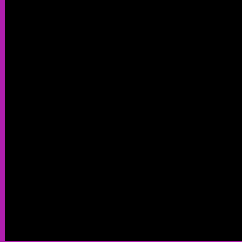
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 81.732, 328.274

Background



This preview shows how black text looks on a background with the CIELCh color 43, 81.732, 328.274.

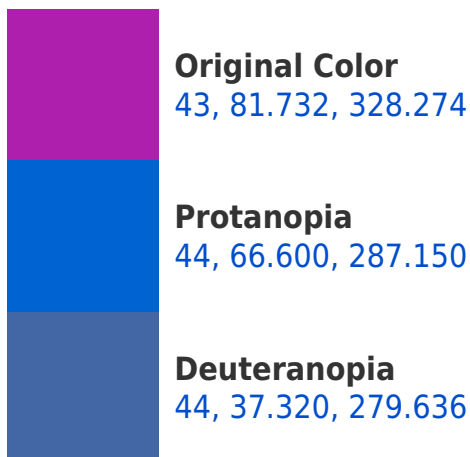


This preview shows how white text looks on a background with the CIELCh color 43, 81.732, 328.274.

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, 41.553, 22.320

Trichromacy



Original Color
43, 81.732, 328.274

Protanomaly
38, 74.565, 298.698

Deuteranomaly
40, 55.784, 306.438

Tritanomaly
42, 51.072, 351.879

Monochromacy



Original Color
43, 81.732, 328.274

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 37.001, 326.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 81.732, 328.274 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, 31, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 31, 174)  
}
```

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, 31, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 31, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 81.732, 328.274 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, 31, 174) }
```

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

```
.border{ border-color:rgb(175, 31, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 31, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 31, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 31, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 31,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 81.732, 328.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 31, 174) }
```

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

```
.background{ background-color: rgb(175, 31,  
174) }
```

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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