

Converting Colors

CIELCh(43, 88.175, 328.923)

Have a look what the booklet for
CIELCh(43, 88.175, 328.923)
contains.

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Color

CIELCh(43, 87.966, 329.117)

Conversions

Conversions Part 1

Format	Color
Hex	B601B2
RGB	182, 1, 178
RGB Percent	71%, 0%, 70%
CMY	0.2870, 0.9945, 0.3027
CMYK	0.00, 0.99, 0.02, 0.29
HSL	301°, 98%, 36%
HSV	301°, 99%, 71%
XYZ	27.2770, 13.1578, 43.1243
YIQ	75.2970, 51.0590, 93.4190

Conversions

Conversions Part 2

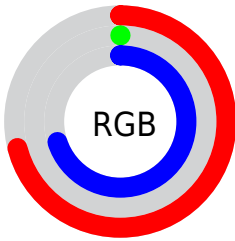
Format	Color
R_{YB}	182, 1, 178
Decimal	11927986
CIE _{Lab}	43.00, 75.49, -45.15
CIE _{LCh}	43, 87.966, 329.117
Yxy	13.1578, 0.3264, 0.1575
Android (android.graphics.Color)	4290118066 (0xFFB601B2)
YUV	75.2970, 50.6326, 93.5785
Hunter-Lab	36.2736, 70.7496, -45.0960

Details

The CIELCh color **43, 87.966, 329.117** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **64, 92.313, 136.228**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 88.024, 329.265**, and **29, 67.759, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **43, 88.104, 329.129**, and if you desaturate by 10%, it is **44, 85.864, 328.958**.

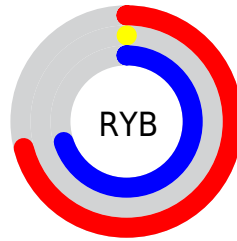
Distribution



Red (71%)

Green (0%)

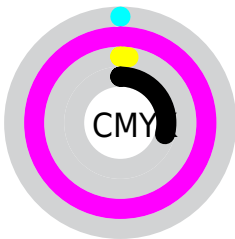
Blue (70%)



Red (71%)

Yellow (0%)

Blue (70%)

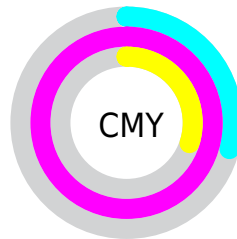


Cyan (0%)

Magenta (99%)

Yellow (2%)

Black (29%)



Cyan (29%)


Magenta (99%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 87.966, 329.117 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, 87.966, 329.117 by changing the saturation by 10% instead.


 43, 87.966,
329.117


 43, 87.966,
329.117


 100, 87.966,
329.117


 33, 87.966,
329.117

 63, 87.966,
329.117


 23, 87.966,
329.117

 73, 87.966,
329.117

 13, 87.966,
329.117

 83, 87.966,
329.117

 3, 87.966, 329.117

 93, 87.966,
329.117

 0, 87.966, 329.117

 43, 87.966,

 43, 87.966,

329.117

329.117

■ 43, 88.104,
329.129

■ 44, 85.864,
328.958

■ 45, 81.821,
328.736

■ 47, 75.554,
328.438

■ 50, 67.305,
328.066

■ 53, 57.487,
327.630

■ 57, 46.562,
327.143

■ 61, 34.956,
326.621

■ 65, 23.017,
326.077

■ 70, 11.006,
325.517

Harmonies

Complementary

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



43, 87.966, 329.117



64, 92.313, 136.228

Rectangle

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



43, 87.966, 329.117



43, 87.966, 19.117



43, 87.966, 149.117



43, 87.966, 199.117

Sweetspot

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



43, 87.964, 329.117



77, 44.495, 326.689



22, 103.316, 306.266



39, 30.523, 326.911



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 87.964, 329.117



56, 107.485, 329.144



39, 65.477, 3.228



36, 6.807, 325.523



37, 78.537, 329.118



3, 18.408, 325.574

Inverse Universe

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



43, 87.964, 329.117



56, 107.485, 329.144



65, 67.529, 150.187



36, 6.807, 325.523



37, 78.537, 329.118



3, 18.408, 325.574

Previews

White Background



This preview shows how the CIELCh color 43, 87.966, 329.117 looks on a white background.

Color Contrast Check

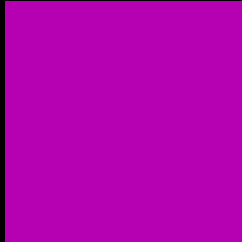
Large Text (above 18pt) WCAG AA ✓ Pass

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, 87.966, 329.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

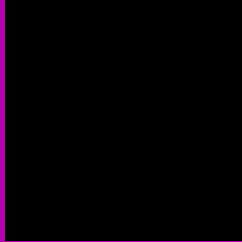
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 87.966, 329.117

Background



This preview shows how black text looks on a background with the CIELCh color 43, 87.966, 329.117.



This preview shows how white text looks on a background with the CIELCh color 43, 87.966, 329.117.

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, 88.074, 329.120

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 38.478, 279.648



Tritanopia
44, 45.828, 24.257

Trichromacy



Original Color
43, 88.074, 329.120



Protanomaly
36, 82.463, 301.567



Deuteranomaly
38, 63.847, 309.070



Tritanomaly
41, 57.642, 352.394

Monochromacy



Original Color
43, 88.074, 329.120



Achromatopsia
32, 0.005, 296.813



Achromatomaly
31, 45.182, 328.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 87.966, 329.117 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(182, 1, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 1, 178)  
}
```

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(182, 1, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 1, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 87.966, 329.117 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(182, 1, 178) }
```

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

```
.border{ border-color:rgb(182, 1, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 1, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 1, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 1, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 1,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 87.966, 329.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 1, 178) }
```

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

```
.background{ background-color: rgb(182, 1,  
178) }
```

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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