

Converting Colors

CIELCh(43, 84.883, 332.264)

Have a look what the booklet for
CIELCh(43, 84.883, 332.264)
contains.

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Color

CIELCh(43, 84.492, 332.265)

Conversions

Conversions Part 1

Format	Color
Hex	B900A8
RGB	185, 0, 168
RGB Percent	73%, 0%, 66%
CMY	0.2742, 0.9990, 0.3409
CMYK	0.00, 1.00, 0.09, 0.27
HSL	306°, 100%, 36%
HSV	306°, 100%, 73%
XYZ	27.1014, 13.1578, 38.1896
YIQ	74.4670, 56.3320, 91.4680

Conversions

Conversions Part 2

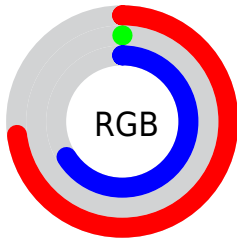
Format	Color
RYB	185, 0, 168
Decimal	12124328
CIELab	43.00, 74.78, -39.32
CIElCh	43, 84.492, 332.265
Yxy	13.1578, 0.3455, 0.1677
Android (android.graphics.Color)	4290314408 (0xFFB900A8)
YUV	74.4670, 46.1118, 96.9374
Hunter-Lab	36.2736, 69.8854, -37.0302

Details

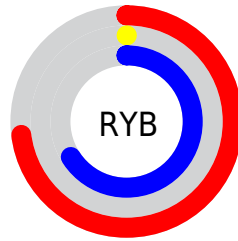
The CIELCh color **43, 84.492, 332.265** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **66, 92.296, 136.824**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 84.574, 332.233**, and **29, 64.157, 332.248** is the 20% darker color. If you saturate the color by 10%, you get **43, 84.509, 332.271**, and if you desaturate by 10%, it is **44, 82.873, 331.827**.

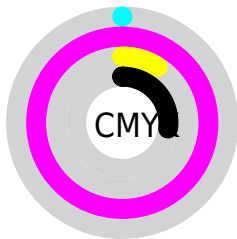
Distribution



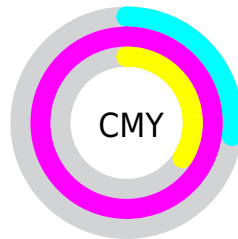
- Red (73%)
- Green (0%)
- Blue (66%)



- Red (73%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 84.492, 332.265 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, 84.492, 332.265 by changing the saturation by 10% instead.

 43, 84.492,
332.265


 43, 84.492,
332.265


 100, 84.492,
332.265

 33, 84.492,
332.265

 63, 84.492,
332.265

 23, 84.492,
332.265

 73, 84.492,
332.265

 13, 84.492,
332.265

 83, 84.492,
332.265

 3, 84.492, 332.265

 93, 84.492,
332.265

 0, 84.492, 332.265

 43, 84.492,

 43, 84.492,

332.265

332.265

■ 43, 84.509,
332.271

■ 44, 82.873,
331.827

■ 45, 79.336,
331.379

■ 47, 73.530,
330.908

■ 50, 65.707,
330.405

■ 53, 56.293,
329.872

■ 57, 45.762,
329.314

■ 61, 34.547,
328.740

■ 66, 22.998,
328.157

■ 70, 11.374,
327.569

Harmonies

Complementary

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



43, 84.492, 332.265



66, 92.296, 136.824

Rectangle

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



43, 84.492, 332.265



43, 84.492, 22.265



43, 84.492, 152.265



43, 84.492, 202.265

Sweetspot

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



43, 84.489, 332.265



77, 42.809, 328.776



22, 104.666, 306.535



39, 29.117, 329.017



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, 84.489, 332.265



56, 102.477, 332.344



39, 66.465, 9.995



36, 6.488, 327.537



36, 74.396, 332.212



3, 17.136, 328.548

Inverse Universe

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



43, 84.489, 332.265



56, 102.477, 332.344



66, 63.873, 153.773



36, 6.488, 327.537



36, 74.396, 332.212



3, 17.136, 328.548

Previews

White Background



This preview shows how the CIELCh color 43, 84.492, 332.265 looks on a white background.

Color Contrast Check

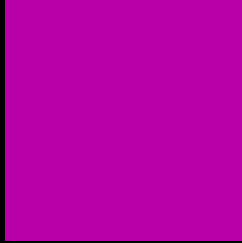
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.492, 332.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

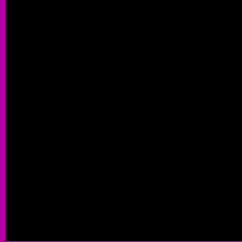
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 84.492, 332.265

Background



This preview shows how black text looks on a background with the CIELCh color 43, 84.492, 332.265.



This preview shows how white text looks on a background with the CIELCh color 43, 84.492, 332.265.

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, 84.492, 332.265

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 33.403, 281.695



Tritanopia

44, 49.995, 25.459

Trichromacy



Original Color
43, 84.492, 332.265



Protanomaly
36, 80.254, 301.538



Deuteranomaly
38, 59.723, 312.930



Tritanomaly
42, 58.667, 356.553

Monochromacy



Original Color
43, 84.492, 332.265



Achromatopsia
32, 0.005, 296.813



Achromatomaly
31, 43.967, 330.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 84.492, 332.265 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(185, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 0, 168)  
}
```

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(185, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 84.492, 332.265 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(185, 0, 168) }
```

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

```
.border{ border-color:rgb(185, 0, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 0, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 0,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 84.492, 332.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 168) }
```

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

```
.background{ background-color: rgb(185, 0,  
168) }
```

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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