

Converting Colors

CIELCh(44, 85.583, 332.197)

Have a look what the booklet for
CIELCh(44, 85.583, 332.197)
contains.

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Color

CIELCh(44, 85.654, 332.179)

Conversions

Conversions Part 1

Format	Color
Hex	BD03AC
RGB	189, 3, 172
RGB Percent	74%, 1%, 67%
CMY	0.2592, 0.9895, 0.3259
CMYK	0.00, 0.99, 0.09, 0.26
HSL	305°, 97%, 38%
HSV	305°, 99%, 74%
XYZ	28.4266, 13.8382, 40.1546
YIQ	77.8800, 56.6070, 91.9910

Conversions

Conversions Part 2

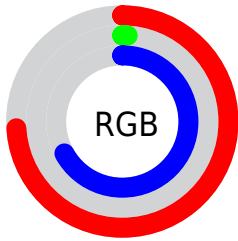
Format	Color
R_{YB}	189, 3, 172
Decimal	12387244
CIE _{Lab}	44.00, 75.75, -39.98
CIE _{LCh}	44, 85.654, 332.179
Yxy	13.8382, 0.3449, 0.1679
Android (android.graphics.Color)	4290577324 (0xFFBD03AC)
YUV	77.8800, 46.4012, 97.4522
Hunter-Lab	37.1997, 71.3035, -37.9597

Details

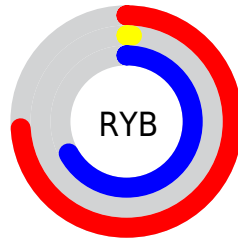
The CIELCh color **44, 85.654, 332.179** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **67, 93.386, 136.885**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 85.545, 332.158**, and **30, 65.739, 332.126** is the 20% darker color. If you saturate the color by 10%, you get **44, 85.847, 332.241**, and if you desaturate by 10%, it is **45, 83.893, 331.743**.

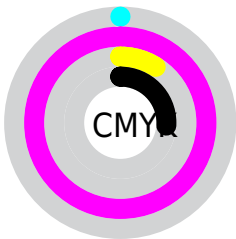
Distribution



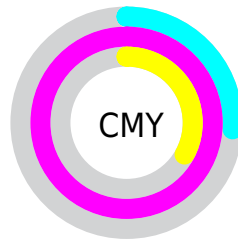
- Red (74%)
- Green (1%)
- Blue (67%)



- Red (74%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (9%)
- Black (26%)



- Cyan (26%)
- Magenta (99%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 85.654, 332.179 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 44, 85.654, 332.179 by changing the saturation by 10% instead.

 44, 85.654,
332.179


 44, 85.654,
332.179


 100, 85.654,
332.179


 34, 85.654,
332.179

 64, 85.654,
332.179


 24, 85.654,
332.179

 74, 85.654,
332.179


 14, 85.654,
332.179


 84, 85.654,
332.179

 4, 85.654, 332.179

 94, 85.654,
332.179

 0, 85.654, 332.179

 44, 85.654,

 44, 85.654,

332.179

■ 44, 85.847,
332.241

332.179

■ 45, 83.893,
331.743

■ 46, 80.019,
331.295

■ 48, 73.852,
330.822

■ 51, 65.675,
330.316

■ 55, 55.935,
329.780

■ 59, 45.114,
329.220

■ 63, 33.646,
328.644

■ 68, 21.875,
328.060

■ 72, 10.054,
327.469

Harmonies

Complementary

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



44, 85.654, 332.179



67, 93.386, 136.885

Rectangle

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



44, 85.654, 332.179



44, 85.654, 22.179



44, 85.654, 152.179



44, 85.654, 202.179

Sweetspot

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



44, 85.651, 332.179



79, 43.568, 328.754



23, 105.626, 306.433



40, 29.638, 328.998



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 85.651, 332.179



57, 104.176, 332.312



40, 67.208, 9.480



37, 6.640, 327.516



37, 75.327, 332.182



3, 19.642, 328.900

Inverse Universe

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



44, 85.651, 332.179



57, 104.176, 332.312



68, 64.421, 154.013



37, 6.640, 327.516



37, 75.327, 332.182



3, 19.642, 328.900

Previews

White Background



This preview shows how the CIELCh color 44, 85.654, 332.179 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 44, 85.654, 332.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

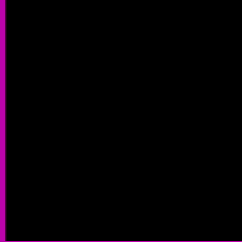
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 85.654, 332.179

Background



This preview shows how black text looks on a background with the CIELCh color 44, 85.654, 332.179.



This preview shows how white text looks on a background with the CIELCh color 44, 85.654, 332.179.

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

44, 85.654, 332.179

Protanopia

45, 68.590, 287.367

Deuteranopia

45, 33.359, 280.576



Tritanopia
44, 50.267, 25.366

Trichromacy



Original Color
44, 85.654, 332.179



Protanomaly
37, 81.689, 301.515



Deuteranomaly
39, 60.139, 312.752



Tritanomaly
43, 59.301, 356.939

Monochromacy



Original Color
44, 85.654, 332.179



Achromatopsia
33, 0.005, 296.813



Achromatomaly
33, 43.924, 330.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 85.654, 332.179 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(189, 3, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 3, 172)  
}
```

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(189, 3, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 3, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 85.654, 332.179 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(189, 3, 172) }
```

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

```
.border{ border-color:rgb(189, 3, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 3, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 3, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 3, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 3,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 85.654, 332.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 3, 172) }
```

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

```
.background{ background-color: rgb(189, 3,  
172) }
```

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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