

Converting Colors

CIELCh(44, 84.472, 333.869)

Have a look what the booklet for
CIELCh(44, 84.472, 333.869)
contains.

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Color

CIELCh(44, 84.254, 333.977)

Conversions

Conversions Part 1

Format	Color
Hex	BF00A7
RGB	191, 0, 167
RGB Percent	75%, 0%, 65%
CMY	0.2514, 1.0000, 0.3455
CMYK	0.00, 1.00, 0.13, 0.25
HSL	308°, 100%, 37%
HSV	308°, 100%, 75%
XYZ	28.4162, 13.8382, 37.6785
YIQ	76.1470, 60.2290, 92.4290

Conversions

Conversions Part 2

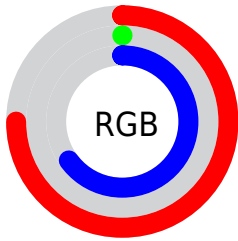
Format	Color
R_{YB}	191, 0, 167
Decimal	12517543
CIE _{Lab}	44.00, 75.71, -36.96
CIE _{LCh}	44, 84.254, 333.977
Yxy	13.8382, 0.3555, 0.1731
Android (android.graphics.Color)	4290707623 (0xFFBF00A7)
YUV	76.1470, 44.7905, 100.7261
Hunter-Lab	37.1997, 71.2532, -34.0133

Details

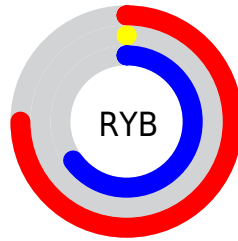
The CIELCh color **44, 84.254, 333.977** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **67, 93.569, 137.218**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 84.412, 333.833**, and **30, 63.922, 334.669** is the 20% darker color. If you saturate the color by 10%, you get **44, 84.213, 333.978**, and if you desaturate by 10%, it is **45, 82.816, 333.373**.

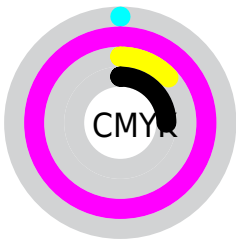
Distribution



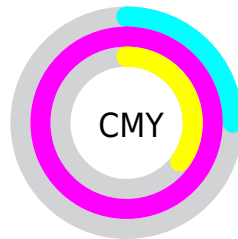
- Red (75%)
- Green (0%)
- Blue (65%)



- Red (75%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 84.254, 333.977 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, 84.254, 333.977 by changing the saturation by 10% instead.

 44, 84.254,
333.977

 44, 84.254,
333.977

 100, 84.254,
333.977

 34, 84.254,
333.977

 64, 84.254,
333.977

 24, 84.254,
333.977

 74, 84.254,
333.977

 14, 84.254,
333.977

 84, 84.254,
333.977

 4, 84.254, 333.977

 94, 84.254,
333.977

 0, 84.254, 333.977

 44, 84.254,

 44, 84.254,

333.977

333.977

■ 44, 84.213,
333.978

■ 45, 82.816,
333.373

■ 46, 79.443,
332.790

■ 48, 73.739,
332.215

■ 51, 65.962,
331.635

■ 55, 56.557,
331.045

■ 59, 46.012,
330.444

■ 63, 34.774,
329.837

■ 67, 23.200,
329.230

■ 72, 11.551,
328.624

Harmonies

Complementary

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



44, 84.254, 333.977



67, 93.569, 137.218

Rectangle

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



44, 84.254, 333.977



44, 84.254, 23.977



44, 84.254, 153.977



44, 84.254, 203.977

Sweetspot

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



44, 84.213, 333.978



80, 42.912, 329.866



23, 106.934, 306.686



40, 29.444, 330.126



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 84.213, 333.978



57, 102.158, 334.083



40, 68.464, 13.418



37, 6.483, 328.583



36, 73.351, 333.886



3, 18.978, 330.431

Inverse Universe

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



44, 84.213, 333.978



57, 102.158, 334.083



68, 62.982, 155.788



37, 6.483, 328.583



36, 73.351, 333.886



3, 18.978, 330.431

Previews

White Background



This preview shows how the CIELCh color 44, 84.254, 333.977 looks on a white background.

Color Contrast Check

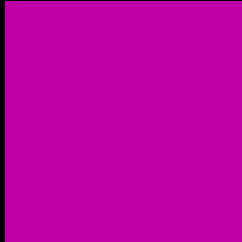
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.254, 333.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

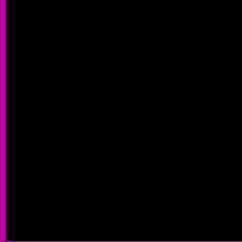
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 84.254, 333.977

Background



This preview shows how black text looks on a background with the CIELCh color 44, 84.254, 333.977.



This preview shows how white text looks on a background with the CIELCh color 44, 84.254, 333.977.

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, 84.254, 333.977

Protanopia

45, 68.519, 287.165

Deuteranopia

45, 30.789, 281.986



Tritanopia
45, 52.539, 25.992

Trichromacy



Original Color
44, 84.254, 333.977



Protanomaly
37, 80.599, 301.443



Deuteranomaly
39, 58.801, 315.162



Tritanomaly
43, 60.094, 358.885

Monochromacy



Original Color
44, 84.254, 333.977



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 44.386, 331.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 84.254, 333.977 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(191, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 167)  
}
```

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(191, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 84.254, 333.977 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(191, 0, 167) }
```

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

```
.border{ border-color:rgb(191, 0, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 84.254, 333.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 167) }
```

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

```
.background{ background-color: rgb(191, 0,  
167) }
```

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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