

Converting Colors

CIELCh(44, 86.557, 330.149)

Have a look what the booklet for
CIELCh(44, 86.557, 330.149)
contains.

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Color

CIELCh(44, 86.497, 330.234)

Conversions

Conversions Part 1

Format	Color
Hex	BA0CB1
RGB	186, 12, 177
RGB Percent	73%, 5%, 69%
CMY	0.2712, 0.9548, 0.3065
CMYK	0.00, 0.94, 0.05, 0.27
HSL	303°, 88%, 39%
HSV	303°, 94%, 73%
XYZ	28.2565, 13.8382, 42.6981
YIQ	82.8360, 50.7390, 88.2030

Conversions

Conversions Part 2

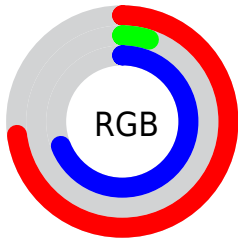
Format	Color
R _Y B	186, 12, 177
Decimal	12192945
CIE Lab	44.00, 75.08, -42.94
CIE LCh	44, 86.497, 330.234
Yxy	13.8382, 0.3332, 0.1632
Android (android.graphics.Color)	4290383025 (0xFFBA0CB1)
YUV	82.8360, 46.4229, 90.4748
Hunter-Lab	37.1997, 70.4868, -42.0136

Details

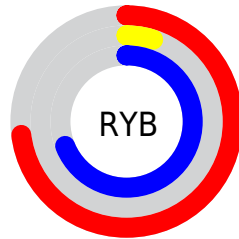
The CIELCh color **44, 86.497, 330.234** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **66, 91.794, 136.776**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 86.227, 330.333**, and **30, 67.700, 329.473** is the 20% darker color. If you saturate the color by 10%, you get **44, 87.503, 330.396**, and if you desaturate by 10%, it is **45, 83.621, 329.947**.

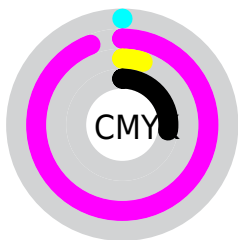
Distribution



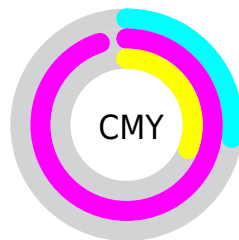
- Red (73%)
- Green (5%)
- Blue (69%)



- Red (73%)
- Yellow (5%)
- Blue (69%)



- Cyan (0%)
- Magenta (94%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 86.497, 330.234 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, 86.497, 330.234 by changing the saturation by 10% instead.


 44, 86.497,
330.234


 44, 86.497,
330.234

 100, 86.497,
330.234


 34, 86.497,
330.234

 64, 86.497,
330.234


 24, 86.497,
330.234

 74, 86.497,
330.234

 14, 86.497,
330.234


 84, 86.497,
330.234

 4, 86.497, 330.234

 94, 86.497,
330.234

 0, 86.497, 330.234

 44, 86.497,

 44, 86.497,

330.234

330.234

■ 44, 87.503,
330.396

■ 45, 83.621,
329.947

■ 47, 78.456,
329.606

■ 49, 71.130,
329.208

■ 52, 62.008,
328.754

■ 56, 51.554,
328.256

■ 60, 40.229,
327.724

■ 64, 28.425,
327.170

■ 69, 16.443,
326.605

Harmonies

Complementary

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



44, 86.497, 330.234



66, 91.794, 136.776

Rectangle

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



44, 86.497, 330.234



44, 86.497, 20.234



44, 86.497, 150.234



44, 86.497, 200.234

Sweetspot

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



44, 86.495, 330.234



79, 41.454, 327.431



23, 102.144, 305.942



40, 28.792, 327.670



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, 86.495, 330.234



57, 106.686, 330.434



40, 65.503, 4.122



36, 6.672, 326.348



36, 76.765, 330.365



3, 17.864, 326.760

Inverse Universe

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



44, 86.495, 330.234



57, 106.686, 330.434



67, 64.146, 153.156



36, 6.672, 326.348



36, 76.765, 330.365



3, 17.864, 326.760

Previews

White Background



This preview shows how the CIELCh color 44, 86.497, 330.234 looks on a white background.

Color Contrast Check

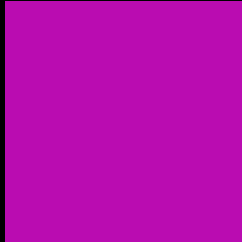
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 86.497, 330.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

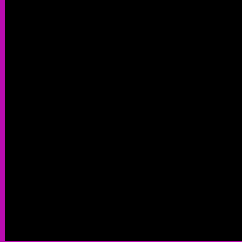
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 86.497, 330.234

Background



This preview shows how black text looks on a background with the CIELCh color 44, 86.497, 330.234.



This preview shows how white text looks on a background with the CIELCh color 44, 86.497, 330.234.

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, 86.497, 330.234

Protanopia

45, 68.040, 287.161

Deuteranopia

45, 36.515, 279.673



Tritanopia
44, 47.551, 24.639

Trichromacy



Original Color
44, 86.497, 330.234



Protanomaly
37, 80.404, 300.749



Deuteranomaly
40, 60.219, 309.552



Tritanomaly
43, 56.982, 354.799

Monochromacy



Original Color
44, 86.497, 330.234



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 42.950, 328.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 86.497, 330.234 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(186, 12, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 12, 177)  
}
```

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(186, 12, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 12, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 86.497, 330.234 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(186, 12, 177) }
```

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

```
.border{ border-color:rgb(186, 12, 177) }
```

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

Here you see how a box with a 4 pixel rgb(186, 12, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 12, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 12, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 12,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 86.497, 330.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 12, 177) }
```

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

```
.background{ background-color: rgb(186, 12,  
177) }
```

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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