

Converting Colors

CIELCh(47, 86.983, 334.279)

Have a look what the booklet for
CIELCh(47, 86.983, 334.279)
contains.

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Color

CIELCh(47, 86.873, 334.415)

Conversions

Conversions Part 1

Format	Color
Hex	CB08B0
RGB	203, 8, 176
RGB Percent	80%, 3%, 69%
CMY	0.2037, 0.9677, 0.3096
CMYK	0.00, 0.96, 0.13, 0.20
HSL	308°, 92%, 41%
HSV	308°, 96%, 80%
XYZ	32.5750, 16.0195, 42.4765
YIQ	85.4570, 62.2920, 93.5880

Conversions

Conversions Part 2

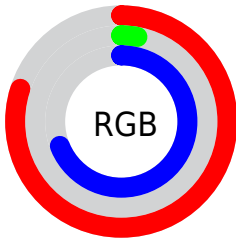
Format	Color
R_{YB}	203, 8, 176
Decimal	13306032
CIE _{Lab}	47.00, 78.35, -37.52
CIE _{LCh}	47, 86.873, 334.415
Yxy	16.0195, 0.3577, 0.1759
Android (android.graphics.Color)	4291496112 (0xFFCB08B0)
YUV	85.4570, 44.6377, 103.0852
Hunter-Lab	40.0243, 75.2350, -34.9055

Details

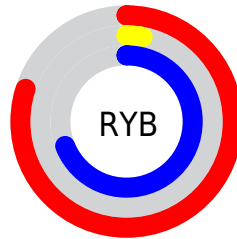
The CIELCh color **47, 86.873, 334.415** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **71, 96.099, 137.788**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 85.845, 332.536**, and **33, 67.515, 334.881** is the 20% darker color. If you saturate the color by 10%, you get **47, 87.273, 334.694**, and if you desaturate by 10%, it is **48, 84.925, 333.748**.

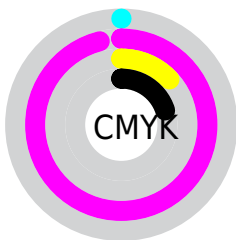
Distribution



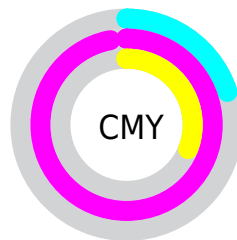
- Red (80%)
- Green (3%)
- Blue (69%)



- Red (80%)
- Yellow (3%)
- Blue (69%)



- Cyan (0%)
- Magenta (96%)
- Yellow (13%)
- Black (20%)




- Cyan (20%)
- Magenta (97%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 86.873, 334.415 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 47, 86.873, 334.415 by changing the saturation by 10% instead.

 47, 86.873,
334.415

 47, 86.873,
334.415


 100, 86.873,
334.415


 37, 86.873,
334.415

 67, 86.873,
334.415


 27, 86.873,
334.415

 77, 86.873,
334.415

 17, 86.873,
334.415

 87, 86.873,
334.415

 7, 86.873, 334.415

 97, 86.873,
334.415

 0, 86.873, 334.415

 47, 86.873,

 47, 86.873,

334.415

334.415

■ 47, 87.273,
334.694

■ 48, 84.925,
333.748

■ 50, 80.521,
333.117

■ 52, 73.728,
332.501

■ 56, 64.917,
331.886

■ 59, 54.592,
331.268

■ 64, 43.265,
330.646

■ 68, 31.371,
330.025

■ 73, 19.248,
329.408

Harmonies

Complementary

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



47, 86.873, 334.415



71, 96.099, 137.788

Rectangle

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



47, 86.873, 334.415



47, 86.873, 24.415



47, 86.873, 154.415



47, 86.873, 204.415

Sweetspot

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



47, 86.870, 334.415



82, 42.158, 330.239



26, 109.805, 306.571



41, 28.866, 330.508



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 86.870, 334.415



58, 103.465, 334.794



43, 70.926, 13.205



40, 6.851, 329.004



38, 75.169, 334.587



5, 25.943, 332.592

Inverse Universe

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



47, 86.870, 334.415



58, 103.465, 334.794



73, 63.376, 157.685



40, 6.851, 329.004



38, 75.169, 334.587



5, 25.943, 332.592

Previews

White Background



This preview shows how the CIELCh color 47, 86.873, 334.415 looks on a white background.

Color Contrast Check

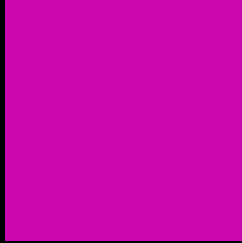
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 86.873, 334.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

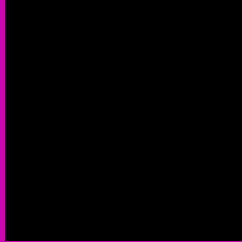
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 86.873, 334.415

Background



This preview shows how black text looks on a background with the CIELCh color 47, 86.873, 334.415.

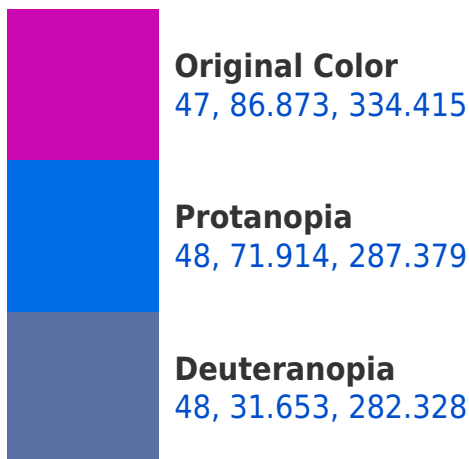


This preview shows how white text looks on a background with the CIELCh color 47, 86.873, 334.415.

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





Tritanopia
47, 55.588, 26.285

Trichromacy



Original Color
47, 86.873, 334.415



Protanomaly
39, 83.287, 301.157



Deuteranomaly
42, 59.004, 315.225



Tritanomaly
46, 62.049, 359.875

Monochromacy



Original Color
47, 86.873, 334.415



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 44.398, 331.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 86.873, 334.415 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(203, 8, 176)` looks like.

```
.text, #text, p{  
    color:rgb(203, 8, 176)  
}
```

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(203, 8, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 8, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 86.873, 334.415 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(203, 8, 176) }
```

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

```
.border{ border-color:rgb(203, 8, 176) }
```

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

Here you see how a box with a 4 pixel rgb(203, 8, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 8, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 8, 176);  
box-shadow:4px 4px 4px 4px rgb(203, 8,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 86.873, 334.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 8, 176) }
```

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

```
.background{ background-color: rgb(203, 8,  
176) }
```

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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