

Converting Colors

CIELCh(48, 83.325, 336.624)

Have a look what the booklet for
CIELCh(48, 83.325, 336.624)
contains.

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Color

CIELCh(48, 83.306, 336.605)

Conversions

Conversions Part 1

Format	Color
Hex	CE19AB
RGB	206, 25, 171
RGB Percent	81%, 10%, 67%
CMY	0.1910, 0.9034, 0.3283
CMYK	0.00, 0.88, 0.17, 0.19
HSL	312°, 79%, 45%
HSV	312°, 88%, 81%
XYZ	33.2536, 16.7945, 40.1538
YIQ	95.7630, 61.0100, 83.7780

Conversions

Conversions Part 2

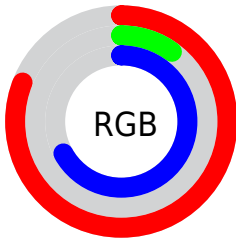
Format	Color
R_{YB}	206, 25, 171
Decimal	13506987
CIE _{Lab}	48.00, 76.46, -33.08
CIE _{LCh}	48, 83.306, 336.605
Yxy	16.7945, 0.3687, 0.1862
Android (android.graphics.Color)	4291697067 (0xFFCE19AB)
YUV	95.7630, 37.0918, 96.6778
Hunter-Lab	40.9810, 73.1248, -29.4064

Details

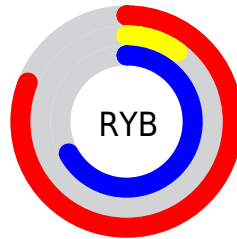
The CIELCh color **48, 83.306, 336.605** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **73, 90.597, 140.103**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 81.853, 333.867**, and **33, 65.942, 337.779** is the 20% darker color. If you saturate the color by 10%, you get **47, 84.574, 337.607**, and if you desaturate by 10%, it is **50, 79.668, 335.716**.

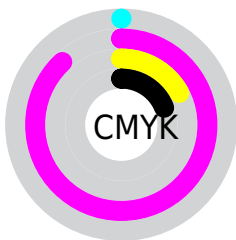
Distribution



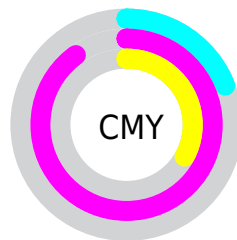
- Red (81%)
- Green (10%)
- Blue (67%)



- Red (81%)
- Yellow (10%)
- Blue (67%)



- Cyan (0%)
- Magenta (88%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (90%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 83.306, 336.605 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 48, 83.306, 336.605 by changing the saturation by 10% instead.


 48, 83.306,
336.605


 48, 83.306,
336.605


 100, 83.306,
336.605


 38, 83.306,
336.605

 68, 83.306,
336.605


 28, 83.306,
336.605

 78, 83.306,
336.605

 18, 83.306,
336.605

 88, 83.306,
336.605

 8, 83.306, 336.605

 98, 83.306,
336.605

 0, 83.306, 336.605

 48, 83.306,

 48, 83.306,

336.605

■ 47, 84.574,
337.607

■ 47, 84.713,
337.808

336.605

■ 50, 79.668,
335.716

■ 52, 73.577,
334.909

■ 55, 65.369,
334.154

■ 59, 55.548,
333.433

■ 64, 44.639,
332.734

■ 68, 33.100,
332.055

■ 73, 21.286,
331.394

■ 79, 9.450, 330.741

Harmonies

Complementary

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



48, 83.306, 336.605



73, 90.597, 140.103

Rectangle

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



48, 83.306, 336.605



48, 83.306, 26.605



48, 83.306, 156.605



48, 83.306, 206.605

Sweetspot

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



48, 83.303, 336.605



84, 36.433, 331.939



30, 105.505, 306.695



43, 24.679, 332.174



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 83.303, 336.605



58, 99.210, 337.952



45, 69.933, 13.814



40, 6.594, 330.828



37, 72.151, 337.629



5, 24.805, 335.033

Inverse Universe

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



48, 83.303, 336.605



58, 99.210, 337.952



74, 57.873, 162.933



40, 6.594, 330.828



37, 72.151, 337.629



5, 24.805, 335.033

Previews

White Background



This preview shows how the CIELCh color 48, 83.306, 336.605 looks on a white background.

Color Contrast Check

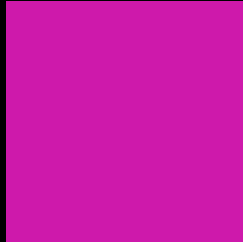
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 83.306, 336.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

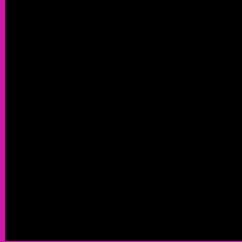
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 83.306, 336.605

Background



This preview shows how black text looks on a background with the CIELCh color 48, 83.306, 336.605.

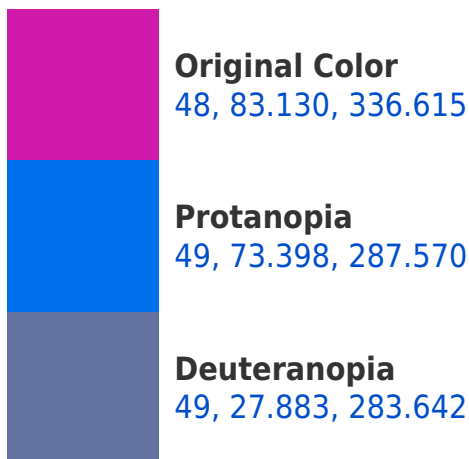


This preview shows how white text looks on a background with the CIELCh color 48, 83.306, 336.605.

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
48, 57.250, 26.599

Trichromacy



Original Color
48, 83.130, 336.615



Protanomaly
41, 78.818, 299.449



Deuteranomaly
44, 52.295, 317.006



Tritanomaly
47, 61.091, 2.977

Monochromacy



Original Color
48, 83.130, 336.615



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 39.900, 333.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 83.306, 336.605 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(206, 25, 171)` looks like.

```
.text, #text, p{  
    color:rgb(206, 25, 171)  
}
```

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(206, 25, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 25, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 83.306, 336.605 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(206, 25, 171) }
```

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

```
.border{ border-color:rgb(206, 25, 171) }
```

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

Here you see how a box with a 4 pixel rgb(206, 25, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 25, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 25, 171);  
box-shadow:4px 4px 4px 4px rgb(206, 25,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 83.306, 336.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 25, 171) }
```

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

```
.background{ background-color: rgb(206, 25,  
171) }
```

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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