

Converting Colors

CIELCh(49, 78.373, 331.278)

Have a look what the booklet for
CIELCh(49, 78.373, 331.278)
contains.

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Color

CIELCh(49, 78.663, 331.045)

Conversions

Conversions Part 1

Format	Color
Hex	C335B6
RGB	195, 53, 182
RGB Percent	76%, 21%, 71%
CMY	0.2343, 0.7910, 0.2854
CMYK	0.00, 0.73, 0.07, 0.23
HSL	306°, 57%, 49%
HSV	306°, 73%, 77%
XYZ	32.3232, 17.5941, 46.0743
YIQ	110.1640, 43.2230, 70.2230

Conversions

Conversions Part 2

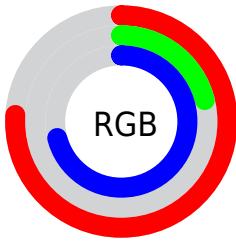
Format	Color
R_{YB}	195, 53, 182
Decimal	12793270
CIE _{Lab}	49.00, 68.83, -38.08
CIE _{LCh}	49, 78.663, 331.045
Yxy	17.5941, 0.3367, 0.1833
Android (android.graphics.Color)	4290983350 (0xFFC335B6)
YUV	110.1640, 35.4151, 74.4012
Hunter-Lab	41.9453, 64.1486, -35.7648

Details

The CIELCh color **49, 78.663, 331.045** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **70, 81.223, 139.890**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 78.619, 331.222**, and **32, 69.247, 330.959** is the 20% darker color. If you saturate the color by 10%, you get **47, 84.000, 331.509**, and if you desaturate by 10%, it is **52, 71.097, 330.551**.

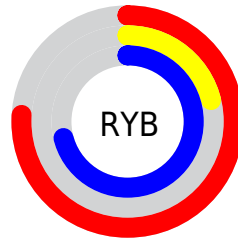
Distribution



Red (76%)

Green (21%)

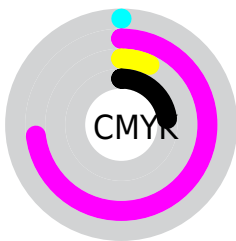
Blue (71%)



Red (76%)

Yellow (21%)

Blue (71%)

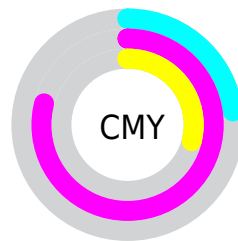


Cyan (0%)

Magenta (73%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (79%)

Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 78.663, 331.045 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 49, 78.663, 331.045 by changing the saturation by 10% instead.


 49, 78.663,
331.045


 49, 78.663,
331.045


 100, 78.663,
331.045

 39, 78.663,
331.045

 69, 78.663,
331.045

 29, 78.663,
331.045

 79, 78.663,
331.045

 19, 78.663,
331.045

 89, 78.663,
331.045

 9, 78.663, 331.045

 99, 78.663,
331.045

 0, 78.663, 331.045

 49, 78.663,

 49, 78.663,

331.045

■ 47, 84.000,
331.509

■ 46, 86.941,
331.953

■ 45, 87.946,
332.272

331.045

■ 52, 71.097,
330.551

■ 55, 61.717,
330.026

■ 59, 51.016,
329.473

■ 63, 39.470,
328.901

■ 68, 27.475,
328.318

■ 72, 15.332,
327.730

■ 78, 3.249, 327.091

■ 83, 8.634, 146.650

■ 88, 20.236,
146.094

Harmonies

Complementary

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



49, 78.663, 331.045



70, 81.223, 139.890

Rectangle

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



49, 78.663, 331.045



49, 78.663, 21.045



49, 78.663, 151.045



49, 78.663, 201.045

Sweetspot

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



49, 78.660, 331.045



86, 33.062, 328.297



33, 86.317, 303.508



44, 22.214, 328.458



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 78.660, 331.045



60, 105.093, 331.763



46, 59.962, 359.472



38, 6.786, 327.531



37, 76.186, 332.208



4, 22.231, 329.626

Inverse Universe

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



49, 78.660, 331.045



60, 105.093, 331.763



71, 54.507, 159.356



38, 6.786, 327.531



37, 76.186, 332.208



4, 22.231, 329.626

Previews

White Background



This preview shows how the CIELCh color 49, 78.663, 331.045 looks on a white background.

Color Contrast Check

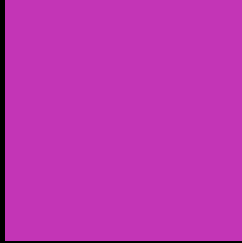
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 78.663, 331.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

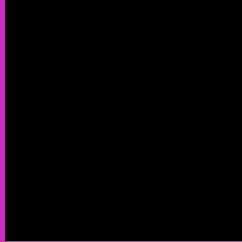
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 78.663, 331.045

Background



This preview shows how black text looks on a background with the CIELCh color 49, 78.663, 331.045.

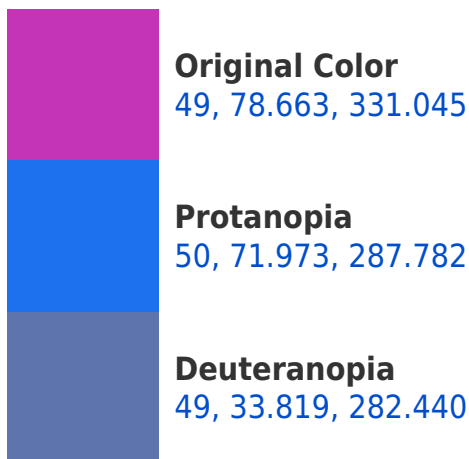


This preview shows how white text looks on a background with the CIELCh color 49, 78.663, 331.045.

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
49, 44.600, 22.440

Trichromacy



Original Color
49, 78.663, 331.045



Protanomaly
45, 73.774, 299.000



Deuteranomaly
47, 50.487, 309.740

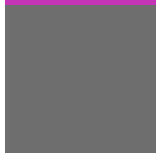


Tritanomaly
48, 51.718, 354.948

Monochromacy



Original Color
49, 78.663, 331.045



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 33.944, 329.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 78.663, 331.045 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(195, 53, 182)` looks like.

```
.text, #text, p{  
    color:rgb(195, 53, 182)  
}
```

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(195, 53, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 53, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 78.663, 331.045 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(195, 53, 182) }
```

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

```
.border{ border-color:rgb(195, 53, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 53, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 53, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 53, 182);  
box-shadow:4px 4px 4px 4px rgb(195, 53,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 78.663, 331.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 53, 182) }
```

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

```
.background{ background-color: rgb(195, 53,  
182) }
```

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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