

Converting Colors

CIELCh(79, 15.575, 350.196)

Have a look what the booklet for
CIELCh(79, 15.575, 350.196)
contains.

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Color

CIELCh(79, 15.566, 349.889)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAC9
RGB	222, 186, 201
RGB Percent	87%, 73%, 79%
CMY	0.1290, 0.2702, 0.2114
CMYK	0.00, 0.16, 0.09, 0.13
HSL	335°, 35%, 80%
HSV	335°, 16%, 87%
XYZ	58.2913, 54.9284, 62.8514
YIQ	198.4740, 16.6410, 12.2970

Conversions

Conversions Part 2

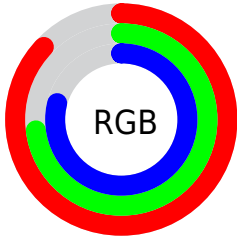
Format	Color
R _Y B	222, 186, 201
Decimal	14596809
CIE Lab	79.00, 15.32, -2.73
CIE LCh	79, 15.566, 349.889
Yxy	54.9284, 0.3311, 0.3120
Android (android.graphics.Color)	4292786889 (0xFFDEBAC9)
YUV	198.4740, 1.2453, 20.6323
Hunter-Lab	74.1137, 10.6933, 1.5993

Details

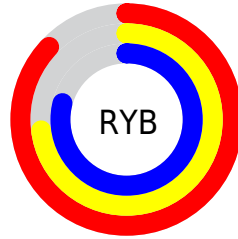
The CIELCh color $79, 15.566, 349.889$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86, 15.108, 166.953$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 8.100, 324.685$, and $59, 15.532, 350.594$ is the 20% darker color. If you saturate the color by 10%, you get $73, 25.452, 351.006$, and if you desaturate by 10%, it is $85, 5.876, 348.874$.

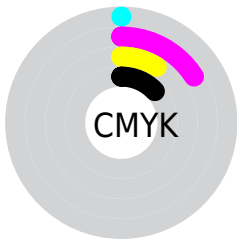
Distribution



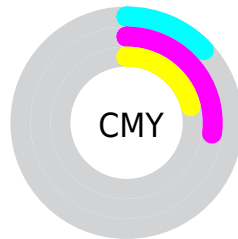
- Red (87%)
- Green (73%)
- Blue (79%)



- Red (87%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 15.566, 349.889 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 79, 15.566, 349.889 by changing the saturation by 10% instead.


 79, 15.566,
349.889


 79, 15.566,
349.889


 100, 15.566,
349.889


 69, 15.566,
349.889


 99, 15.566,
349.889

 59, 15.566,
349.889

 49, 15.566,
349.889

 39, 15.566,
349.889

 29, 15.566,
349.889

 19, 15.566,
349.889

 9, 15.566, 349.889

0, 15.566, 349.889

79, 15.566,
349.889

79, 15.566,
349.889

73, 25.452,
351.006

85, 5.876, 348.874

91, 3.515, 168.224

68, 35.370,
352.285

97, 12.565,
167.349

63, 45.049,
353.794

98, 11.232,
193.346

58, 54.106,
355.617

98, 11.118,
198.764

54, 62.061,
357.876

51, 68.427, 0.727

■ 49, 72.879, 4.350

■ 48, 75.483, 8.884

■ 47, 76.290, 10.739

Harmonies

Complementary

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



79, 15.566, 349.889



86, 15.108, 166.953

Rectangle

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



79, 15.566, 349.889



79, 15.566, 39.889



79, 15.566, 169.889



79, 15.566, 219.889

Sweetspot

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



79, 15.564, 349.893



97, 5.284, 348.749



78, 20.749, 312.619



51, 3.609, 348.825



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 15.564, 349.893



88, 20.483, 350.206



79, 12.715, 27.521



44, 5.445, 349.203



37, 64.032, 9.858



6, 25.779, 0.644

Inverse Universe

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



79, 15.564, 349.893



88, 20.483, 350.206



85, 11.409, 206.654



44, 5.445, 349.203



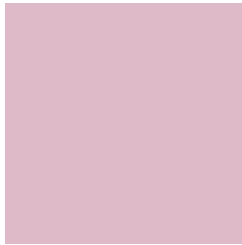
37, 64.032, 9.858



6, 25.779, 0.644

Previews

White Background



This preview shows how the CIELCh color 79, 15.566, 349.889 looks on a white background.

Color Contrast Check

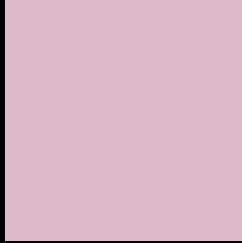
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 15.566, 349.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

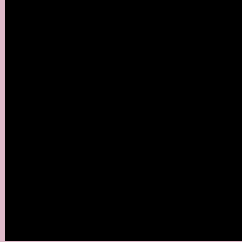
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 15.566, 349.889

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.566, 349.889.



This preview shows how white text looks on a background with the CIELCh color 79, 15.566, 349.889.

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


79, 15.566, 349.889

Protanopia

79, 5.897, 294.207

Deuteranopia

79, 10.058, 348.240



Tritanopia
79, 15.566, 349.889

Trichromacy



Original Color
79, 15.566, 349.889

Protanomaly
79, 8.013, 326.908

Deuteranomaly
79, 11.609, 350.072

Tritanomaly
79, 15.566, 349.889

Monochromacy



Original Color
79, 15.566, 349.889

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.778, 346.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.566, 349.889 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(222, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 201)  
}
```

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(222, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.566, 349.889 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(222, 186, 201) }
```

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

```
.border{ border-color:rgb(222, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.566, 349.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 201) }
```

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

```
.background{ background-color: rgb(222,  
186, 201) }
```

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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