

Converting Colors

CIELCh(79, 16.071, 347.901)

Have a look what the booklet for
CIELCh(79, 16.071, 347.901)
contains.

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Color

CIELCh(79, 15.827, 348.212)

Conversions

Conversions Part 1

Format	Color
Hex	DEBACA
RGB	222, 186, 202
RGB Percent	87%, 73%, 79%
CMY	0.1293, 0.2705, 0.2077
CMYK	0.00, 0.16, 0.09, 0.13
HSL	333°, 35%, 80%
HSV	333°, 16%, 87%
XYZ	58.3608, 54.9284, 63.4199
YIQ	198.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

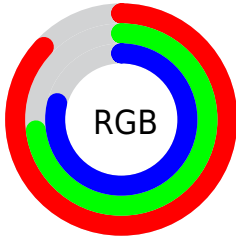
Format	Color
R _Y B	222, 186, 202
Decimal	14596810
CIE Lab	79.00, 15.49, -3.23
CIE LCh	79, 15.827, 348.212
Yxy	54.9284, 0.3303, 0.3108
Android (android.graphics.Color)	4292786890 (0xFFDEBACA)
YUV	198.5880, 1.6821, 20.5323
Hunter-Lab	74.1137, 10.8609, 1.1445

Details

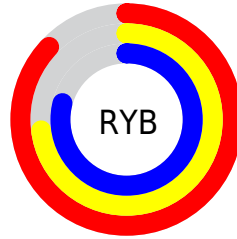
The CIELCh color $79, 15.827, 348.212$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86, 15.413, 165.331$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 8.100, 324.685$, and $59, 15.800, 348.798$ is the 20% darker color. If you saturate the color by 10%, you get $73, 25.845, 349.295$, and if you desaturate by 10%, it is $85, 5.983, 347.223$.

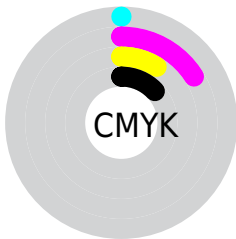
Distribution



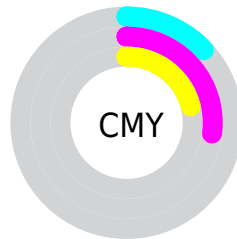
- Red (87%)
- Green (73%)
- Blue (79%)



- 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, 15.827, 348.212 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, 15.827, 348.212 by changing the saturation by 10% instead.


 79, 15.827,
348.212


 79, 15.827,
348.212


 100, 15.827,
348.212


 69, 15.827,
348.212


 99, 15.827,
348.212

 59, 15.827,
348.212

 49, 15.827,
348.212

 39, 15.827,
348.212

 29, 15.827,
348.212

 19, 15.827,
348.212

 9, 15.827, 348.212

0, 15.827, 348.212

79, 15.827,
348.212

79, 15.827,
348.212

73, 25.845,
349.295

85, 5.983, 347.223

91, 3.577, 166.582

68, 35.867,
350.528

97, 12.806,
165.722

63, 45.612,
351.972

98, 11.407,
189.364

58, 54.688,
353.707

98, 11.144,
198.762

55, 62.603,
355.844

51, 68.858,
358.532

■ 49, 73.110, 1.947

■ 48, 75.403, 6.239

■ 48, 76.064, 8.002

Harmonies

Complementary

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



79, 15.827, 348.212



86, 15.413, 165.331

Rectangle

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



79, 15.827, 348.212



79, 15.827, 38.212



79, 15.827, 168.212



79, 15.827, 218.212

Sweetspot

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



79, 15.825, 348.215



97, 5.379, 347.101



78, 20.604, 311.506



51, 3.673, 347.175



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, 15.825, 348.215



88, 20.821, 348.519



79, 13.103, 24.577



44, 5.541, 347.543



37, 63.915, 7.165



6, 25.957, 358.746

Inverse Universe

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



79, 15.825, 348.215



88, 20.821, 348.519



86, 11.768, 203.268



44, 5.541, 347.543



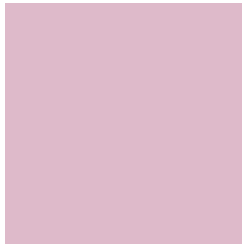
37, 63.915, 7.165



6, 25.957, 358.746

Previews

White Background



This preview shows how the CIELCh color 79, 15.827, 348.212 looks on a white background.

Color Contrast Check

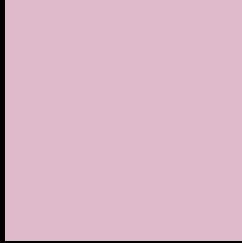
Large Text (above 18pt) WCAG AA × Fail

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, 15.827, 348.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

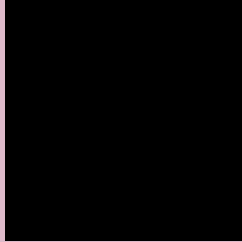
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 15.827, 348.212

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.827, 348.212.

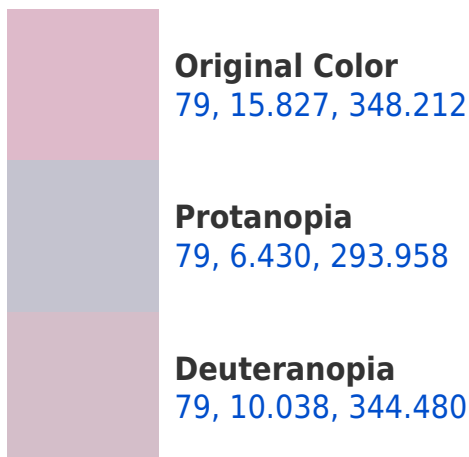



This preview shows how white text looks on a background with the CIELCh color 79, 15.827, 348.212.

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
79, 15.566, 349.889

Trichromacy



Original Color
79, 15.827, 348.212

Protanomaly
79, 8.446, 324.757

Deuteranomaly
79, 11.875, 347.837

Tritanomaly
79, 15.566, 349.889

Monochromacy



Original Color
79, 15.827, 348.212

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, 15.827, 348.212 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.827, 348.212 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, 202) }
```

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

```
.border{ border-color:rgb(222, 186, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.827, 348.212 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, 202) }
```

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

```
.background{ background-color: rgb(222,  
186, 202) }
```

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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