

Converting Colors

CIELCh(79, 13.268, 335.395)

Have a look what the booklet for
CIELCh(79, 13.268, 335.395)
contains.

CIELCh(79, 12.918, 335.897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 12.918, 335.897)

Conversions

Conversions Part 1

Format	Color
Hex	D6BDCE
RGB	214, 189, 206
RGB Percent	84%, 74%, 81%
CMY	0.1622, 0.2602, 0.1935
CMYK	0.00, 0.12, 0.04, 0.16
HSL	319°, 23%, 79%
HSV	319°, 12%, 84%
XYZ	56.8491, 54.9284, 65.7746
YIQ	198.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

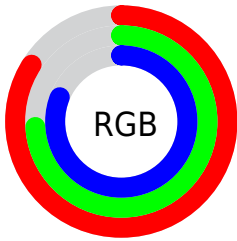
Format	Color
R_{YB}	214, 189, 206
Decimal	14073294
CIE _{Lab}	79.00, 11.79, -5.28
CIE _{LCh}	79, 12.918, 335.897
Yxy	54.9284, 0.3202, 0.3094
Android (android.graphics.Color)	4292263374 (0xFFD6BDCE)
YUV	198.4130, 3.7404, 13.6698
Hunter-Lab	74.1137, 7.2200, -0.7393

Details

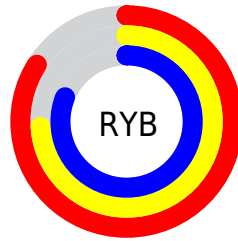
The CIELCh color $79, 12.918, 335.897$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 12.834, 154.286$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $59, 12.722, 335.424$ is the 20% darker color. If you saturate the color by 10%, you get $74, 24.093, 336.663$, and if you desaturate by 10%, it is $85, 1.861, 335.029$.

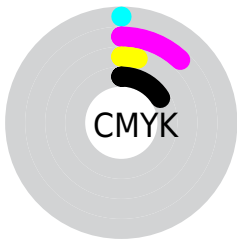
Distribution



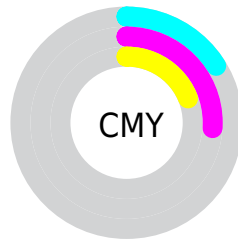
- Red (84%)
- Green (74%)
- Blue (81%)



- Red (84%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (16%)




- Cyan (16%)
- Magenta (26%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.918, 335.897 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, 12.918, 335.897 by changing the saturation by 10% instead.


 79, 12.918,
335.897

 79, 12.918,
335.897


 100, 12.918,
335.897


 69, 12.918,
335.897


 99, 12.918,
335.897

 59, 12.918,
335.897

 49, 12.918,
335.897

 39, 12.918,
335.897

 29, 12.918,
335.897

 19, 12.918,
335.897

 9, 12.918, 335.897

79, 12.918,
335.897

79, 12.918,
335.897

74, 24.093,
336.663

85, 1.861, 335.029

90, 8.959, 154.605

68, 35.212,
337.474

96, 19.485,
153.964

64, 45.998,
338.351

97, 18.404,
160.607

59, 56.064,
339.312

97, 16.327,
170.013

55, 64.920,
340.390

97, 14.773,
181.707

52, 72.016,
341.631

97, 13.921,

■ 50, 76.866,
343.102

195.424

■ 48, 79.216,
344.888

■ 97, 13.844,
198.582

■ 47, 79.625,
346.624

Harmonies

Complementary

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



79, 12.918, 335.897



83, 12.834, 154.286

Rectangle

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



79, 12.918, 335.897



79, 12.918, 25.897



79, 12.918, 155.897



79, 12.918, 205.897

Sweetspot

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



79, 12.916, 335.899



97, 5.069, 335.303



78, 13.744, 303.108



52, 3.604, 335.369



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, 12.916, 335.899



91, 17.878, 336.083



79, 9.676, 5.578



42, 6.270, 335.728



38, 67.607, 346.249



6, 26.102, 342.260

Inverse Universe

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



79, 12.916, 335.899



91, 17.878, 336.083



84, 9.218, 183.559



42, 6.270, 335.728



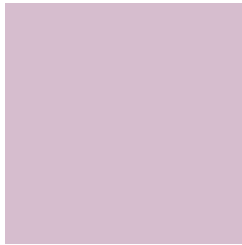
38, 67.607, 346.249



6, 26.102, 342.260

Previews

White Background



This preview shows how the CIELCh color 79, 12.918, 335.897 looks on a white background.

Color Contrast Check

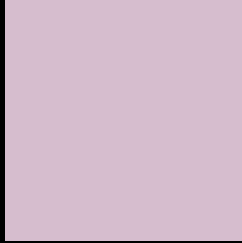
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 12.918, 335.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

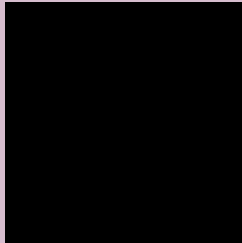
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.918, 335.897

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.918, 335.897.



This preview shows how white text looks on a background with the CIELCh color 79, 12.918, 335.897.

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, 12.918, 335.897

Protanopia

79, 7.482, 290.859

Deuteranopia

79, 10.885, 332.927



Tritanopia
79, 11.935, 338.289

Trichromacy



Original Color
79, 12.918, 335.897

Protanomaly
79, 8.689, 312.765

Deuteranomaly
79, 11.135, 334.354

Tritanomaly
79, 12.292, 336.435

Monochromacy



Original Color
79, 12.918, 335.897

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.621, 335.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.918, 335.897 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(214, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(214, 189, 206)  
}
```

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(214, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 189, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.918, 335.897 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(214, 189, 206) }
```

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

```
.border{ border-color:rgb(214, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 189,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.918, 335.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 189, 206) }
```

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

```
.background{ background-color: rgb(214,  
189, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor