

Converting Colors

CIELCh(79, 7.836, 331.418)

Have a look what the booklet for
CIELCh(79, 7.836, 331.418) contains.

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Color

CIELCh(79, 7.829, 331.416)

Conversions

Conversions Part 1

Format	Color
Hex	CEC0CB
RGB	206, 192, 203
RGB Percent	81%, 75%, 80%
CMY	0.1934, 0.2483, 0.2052
CMYK	0.00, 0.07, 0.01, 0.19
HSL	313°, 12%, 78%
HSV	313°, 7%, 81%
XYZ	54.8817, 54.9284, 64.0054
YIQ	197.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

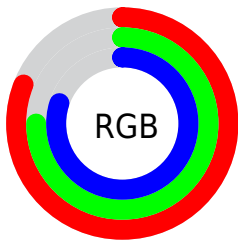
Format	Color
R_{YB}	206, 192, 203
Decimal	13549771
CIE _{Lab}	79.00, 6.87, -3.75
CIE _{LCh}	79, 7.829, 331.416
Yxy	54.9284, 0.3157, 0.3160
Android (android.graphics.Color)	4291739851 (0xFFCEC0CB)
YUV	197.4400, 2.7411, 7.5071
Hunter-Lab	74.1137, 2.4816, 0.6761

Details

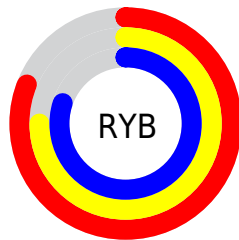
The CIELCh color $79, 7.829, 331.416$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 7.800, 150.637$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.358, 324.523$, and $59, 7.610, 332.125$ is the 20% darker color. If you saturate the color by 10%, you get $74, 19.447, 332.087$, and if you desaturate by 10%, it is $84, 3.630, 150.929$.

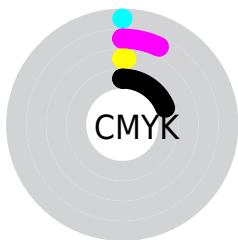
Distribution



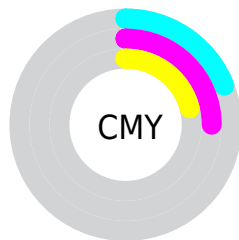
- Red (81%)
- Green (75%)
- Blue (80%)



- Red (81%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.829, 331.416 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, 7.829, 331.416 by changing the saturation by 10% instead.

■ 79, 7.829, 331.416

■ 79, 7.829, 331.416

■ 100, 7.829,
331.416

■ 69, 7.829, 331.416

■ 99, 7.829, 331.416

■ 59, 7.829, 331.416

■ 49, 7.829, 331.416

■ 39, 7.829, 331.416

■ 29, 7.829, 331.416

■ 19, 7.829, 331.416

■ 9, 7.829, 331.416

■ 0, 7.829, 331.416

■ 79, 7.829, 331.416

■ 79, 7.829, 331.416

74, 19.447,
332.087

84, 3.630, 150.929

69, 31.076,
332.765

90, 14.830,
150.274

64, 42.477,
333.466

95, 25.723,
149.705

60, 53.313,
334.194

96, 24.988,
152.698

56, 63.142,
334.956

96, 23.353,
156.428

52, 71.446,
335.765

96, 21.818,
160.680

50, 77.711,
336.644

96, 20.408,
165.526

48, 81.564,
337.628

96, 19.150,
171.031

47, 82.977,

96, 18.079,
177.229

338.758

Harmonies

Complementary

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



79, 7.829, 331.416



81, 7.800, 150.637

Rectangle

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



79, 7.829, 331.416



79, 7.829, 21.416



79, 7.829, 151.416



79, 7.829, 201.416

Sweetspot

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



79, 7.827, 331.418



99, 2.734, 331.023



78, 7.582, 298.466



53, 1.555, 331.009



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, 7.827, 331.418



95, 10.968, 331.507



79, 5.662, 356.509



40, 6.494, 331.593



37, 71.020, 338.933



5, 24.368, 336.083

Inverse Universe

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



79, 7.827, 331.418



95, 10.968, 331.507



82, 5.548, 175.427



40, 6.494, 331.593



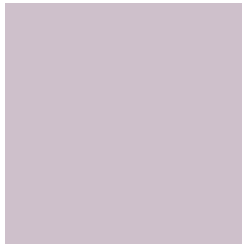
37, 71.020, 338.933



5, 24.368, 336.083

Previews

White Background



This preview shows how the CIELCh color 79, 7.829, 331.416 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, 7.829, 331.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

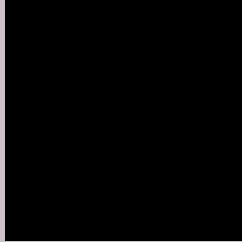
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

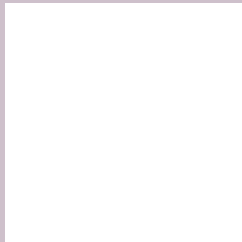
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 7.829, 331.416

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.829, 331.416.



This preview shows how white text looks on a background with the CIELCh color 79, 7.829, 331.416.

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, 7.829, 331.416

Protanopia

79, 4.877, 299.133

Deuteranopia

79, 10.406, 338.457



Tritanopia
79, 9.742, 324.812

Trichromacy



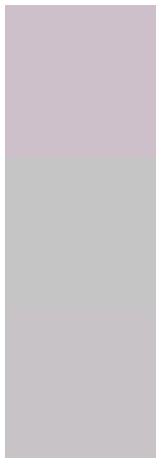
Original Color
79, 7.829, 331.416

Protanomaly
79, 5.799, 312.659

Deuteranomaly
79, 9.232, 336.232

Tritanomaly
79, 9.308, 326.665

Monochromacy



Original Color
79, 7.829, 331.416

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 2.835, 330.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.829, 331.416 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, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(206, 192, 203)  
}
```

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, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 192, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.829, 331.416 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, 192, 203) }
```

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

```
.border{ border-color:rgb(206, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 192,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.829, 331.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 192, 203) }
```

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

```
.background{ background-color: rgb(206,  
192, 203) }
```

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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