

Converting Colors

CIELCh(79, 12.206, 322.534)

Have a look what the booklet for
CIELCh(79, 12.206, 322.534)
contains.

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Color

CIELCh(79, 12.569, 322.156)

Conversions

Conversions Part 1

Format	Color
Hex	D0BED2
RGB	208, 190, 210
RGB Percent	82%, 75%, 82%
CMY	0.1841, 0.2546, 0.1762
CMYK	0.01, 0.10, 0.00, 0.18
HSL	294°, 18%, 78%
HSV	294°, 10%, 82%
XYZ	56.0970, 54.9284, 68.6587
YIQ	197.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

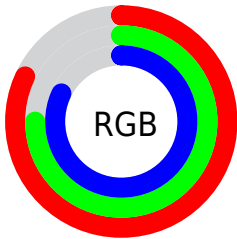
Format	Color
R_{YB}	208, 190, 210
Decimal	13680338
CIE _{Lab}	79.00, 9.93, -7.71
CIE _{LCh}	79, 12.569, 322.156
Yxy	54.9284, 0.3122, 0.3057
Android (android.graphics.Color)	4291870418 (0xFFD0BED2)
YUV	197.6620, 6.0826, 9.0664
Hunter-Lab	74.1137, 5.4085, -3.0465

Details

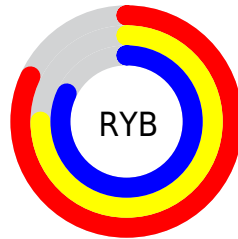
The CIELCh color $79, 12.569, 322.156$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 12.525, 141.242$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 5.604, 324.582$, and $59, 12.619, 322.125$ is the 20% darker color. If you saturate the color by 10%, you get $74, 25.914, 322.653$, and if you desaturate by 10%, it is $84, 0.619, 142.085$.

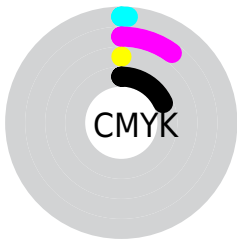
Distribution



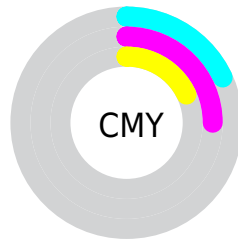
- Red (82%)
- Green (75%)
- Blue (82%)



- Red (82%)
- Yellow (75%)
- Blue (82%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.569, 322.156 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, 12.569, 322.156 by changing the saturation by 10% instead.


 79, 12.569,
322.156

 79, 12.569,
322.156


 100, 12.569,
322.156


 69, 12.569,
322.156


 99, 12.569,
322.156

 59, 12.569,
322.156

 49, 12.569,
322.156

 39, 12.569,
322.156

 29, 12.569,
322.156

 19, 12.569,
322.156

 9, 12.569, 322.156

79, 12.569,
322.156

79, 12.569,
322.156

74, 25.914,
322.653

84, 0.619, 142.085

69, 39.248,
323.133

90, 13.533,
141.241

64, 52.307,
323.585

96, 26.113,
140.783

59, 64.721,
323.987

96, 26.875,
139.582

55, 76.015,
324.313

96, 26.483,
138.260

52, 85.638,
324.533

97, 26.104,
136.891

■ 49, 93.056,
324.619

■ 97, 25.740,
135.475

■ 47, 97.910,
324.549

■ 97, 25.391,
134.010

■ 46, 100.424,
324.334

■ 97, 25.059,
132.498

Harmonies

Complementary

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



79, 12.569, 322.156



82, 12.525, 141.242

Rectangle

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



79, 12.569, 322.156



79, 12.569, 12.156



79, 12.569, 142.156



79, 12.569, 192.156

Sweetspot

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



79, 12.567, 322.156



98, 4.616, 321.800



78, 9.484, 286.061



52, 3.500, 321.852



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, 12.567, 322.156



93, 17.013, 322.237



79, 9.896, 338.532



41, 7.462, 322.150



37, 85.224, 324.381



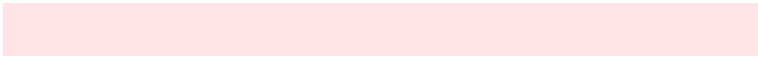
5, 30.263, 324.112

Inverse Universe

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



79, 7.565, 11.872



93, 10.284, 12.031



82, 9.821, 157.182



41, 4.490, 11.860



35, 72.376, 35.523



4, 20.056, 14.810

Previews

White Background



This preview shows how the CIELCh color 79, 12.569, 322.156 looks on a white background.

Color Contrast Check

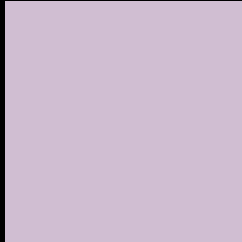
Large Text (above 18pt) WCAG AA × Fail

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, 12.569, 322.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

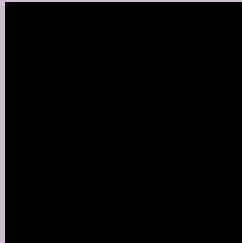
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.569, 322.156

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.569, 322.156.



This preview shows how white text looks on a background with the CIELCh color 79, 12.569, 322.156.

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, 12.569, 322.156

Protanopia

79, 10.160, 291.098

Deuteranopia

79, 12.569, 322.156



Tritanopia
79, 9.951, 326.571

Trichromacy



Original Color
79, 12.569, 322.156

Protanomaly
79, 10.416, 302.905

Deuteranomaly
79, 12.569, 322.156

Tritanomaly
79, 10.385, 324.838

Monochromacy



Original Color
79, 12.569, 322.156

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.554, 324.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.569, 322.156 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(208, 190, 210)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 210)  
}
```

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(208, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.569, 322.156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

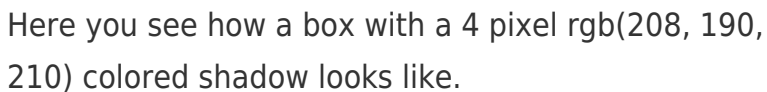
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 190, 210) }
```

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

```
.border{ border-color:rgb(208, 190, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 190, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 190, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 190, 210); box-shadow:4px 4px 4px 4px rgb(208, 190, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.569, 322.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 210) }
```

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

```
.background{ background-color: rgb(208,  
190, 210) }
```

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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