

Converting Colors

CIELCh(79, 11.927, 317.653)

Have a look what the booklet for
CIELCh(79, 11.927, 317.653)
contains.

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Color

CIELCh(79, 12.033, 317.681)

Conversions

Conversions Part 1

Format	Color
Hex	CEBFD3
RGB	206, 191, 211
RGB Percent	81%, 75%, 83%
CMY	0.1931, 0.2519, 0.1735
CMYK	0.02, 0.09, 0.00, 0.17
HSL	285°, 18%, 79%
HSV	285°, 9%, 83%
XYZ	55.6854, 54.9284, 69.1282
YIQ	197.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

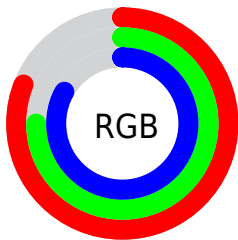
Format	Color
R _Y B	206, 191, 211
Decimal	13549523
CIE Lab	79.00, 8.90, -8.10
CIE LCh	79, 12.033, 317.681
Yxy	54.9284, 0.3098, 0.3056
Android (android.graphics.Color)	4291739603 (0xFFCEBFD3)
YUV	197.7650, 6.5249, 7.2221
Hunter-Lab	74.1137, 4.4172, -3.4221

Details

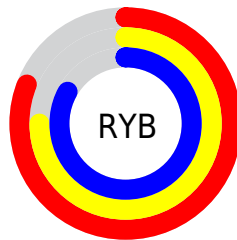
The CIELCh color **79, 12.033, 317.681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 11.949, 136.890**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **59, 11.560, 318.618** is the 20% darker color. If you saturate the color by 10%, you get **73, 24.928, 318.126**, and if you desaturate by 10%, it is **85, 0.634, 137.592**.

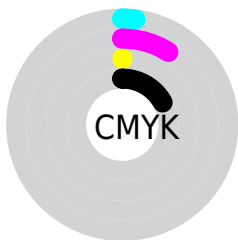
Distribution



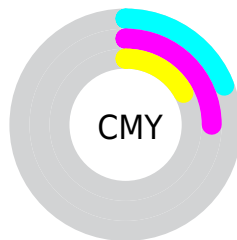
- Red (81%)
- Green (75%)
- Blue (83%)



- Red (81%)
- Yellow (75%)
- Blue (83%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)





- Cyan (19%)
- Magenta (25%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.033, 317.681 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, 12.033, 317.681 by changing the saturation by 10% instead.


 79, 12.033,
317.681

 79, 12.033,
317.681


 100, 12.033,
317.681


 69, 12.033,
317.681


 99, 12.033,
317.681

 59, 12.033,
317.681

 49, 12.033,
317.681

 39, 12.033,
317.681

 29, 12.033,
317.681

 19, 12.033,
317.681

 9, 12.033, 317.681

0, 12.033, 317.681

79, 12.033,
317.681

79, 12.033,
317.681

73, 24.928,
318.126

85, 0.634, 137.592

68, 37.937,
318.565

91, 12.996,
136.886

62, 50.858,
318.983

96, 25.022,
136.502

57, 63.390,
319.352

97, 24.765,
132.932

53, 75.099,
319.636

97, 24.001,
128.899

49, 85.423,
319.786

98, 23.364,
124.573

■ 45, 93.729,
319.748

■ 98, 22.871,
119.982

■ 43, 99.467,
319.467

■ 98, 22.535,
115.176

■ 41, 102.693,
318.943

■ 99, 22.370,
110.220

Harmonies

Complementary

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



79, 12.033, 317.681



83, 11.949, 136.890

Rectangle

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



79, 12.033, 317.681



79, 12.033, 7.681



79, 12.033, 137.681



79, 12.033, 187.681

Sweetspot

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



79, 12.031, 317.680



98, 4.417, 317.368



79, 8.018, 277.310



52, 3.350, 317.414



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, 12.031, 317.680



93, 16.309, 317.753



79, 11.003, 332.298



41, 7.149, 317.676



32, 86.928, 319.046



4, 28.833, 318.072

Inverse Universe

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



79, 7.912, 0.353



93, 10.749, 0.531



83, 10.962, 151.119



41, 4.701, 0.344



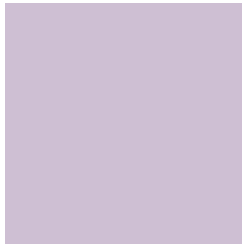
35, 65.783, 25.035



4, 20.334, 7.941

Previews

White Background



This preview shows how the CIELCh color 79, 12.033, 317.681 looks on a white background.

Color Contrast Check

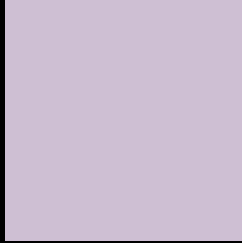
Large Text (above 18pt) WCAG AA × Fail

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, 12.033, 317.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

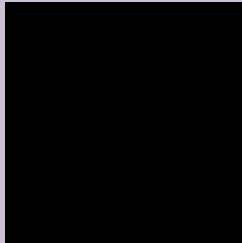
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.033, 317.681

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.033, 317.681.



This preview shows how white text looks on a background with the CIELCh color 79, 12.033, 317.681.

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, 12.033, 317.681

Protanopia

79, 10.160, 291.098

Deuteranopia

79, 13.025, 320.935



Tritanopia
79, 9.995, 321.345

Trichromacy



Original Color
79, 12.033, 317.681

Protanomaly
79, 10.346, 300.973

Deuteranomaly
79, 12.849, 319.520

Tritanomaly
79, 10.455, 319.855

Monochromacy



Original Color
79, 12.033, 317.681

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.824, 317.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.033, 317.681 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, 191, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 211)  
}
```

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, 191, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.033, 317.681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

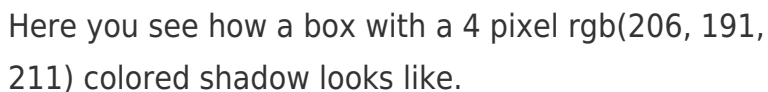
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 191, 211) }
```

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

```
.border{ border-color:rgb(206, 191, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 191, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 191, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 191, 211); box-shadow:4px 4px 4px 4px rgb(206, 191, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.033, 317.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 211) }
```

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

```
.background{ background-color: rgb(206,  
191, 211) }
```

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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