

Converting Colors

CIELCh(79, 13.686, 303.699)

Have a look what the booklet for
CIELCh(79, 13.686, 303.699)
contains.

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Color

CIELCh(79, 13.713, 303.218)

Conversions

Conversions Part 1

Format	Color
Hex	C8C0D9
RGB	200, 192, 217
RGB Percent	78%, 75%, 85%
CMY	0.2161, 0.2474, 0.1494
CMYK	0.08, 0.12, 0.00, 0.15
HSL	259°, 25%, 80%
HSV	259°, 12%, 85%
XYZ	55.1342, 54.9284, 73.2753
YIQ	197.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

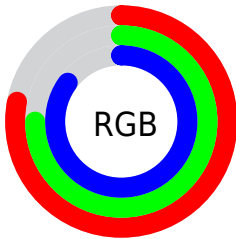
Format	Color
R _Y B	200, 192, 217
Decimal	13156569
CIE Lab	79.00, 7.51, -11.47
CIE LCh	79, 13.713, 303.218
Yxy	54.9284, 0.3007, 0.2996
Android (android.graphics.Color)	4291346649 (0xFFC8C0D9)
YUV	197.2420, 9.7407, 2.4188
Hunter-Lab	74.1137, 3.0897, -6.7398

Details

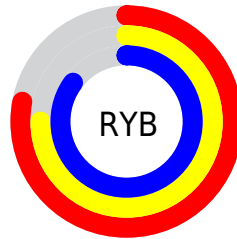
The CIELCh color **79, 13.713, 303.218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 13.415, 121.915**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **59, 13.349, 302.808** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.055, 303.885**, and if you desaturate by 10%, it is **86, 1.789, 302.598**.

Distribution



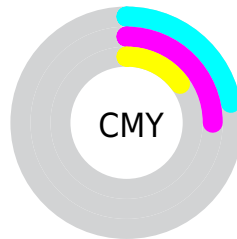
- Red (78%)
- Green (75%)
- Blue (85%)



- Red (78%)
- Yellow (75%)
- Blue (85%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (22%)
- Magenta (25%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 13.713, 303.218 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, 13.713, 303.218 by changing the saturation by 10% instead.


 79, 13.713,
303.218


 79, 13.713,
303.218


 100, 13.713,
303.218


 69, 13.713,
303.218


 99, 13.713,
303.218


 59, 13.713,
303.218

 49, 13.713,
303.218

 39, 13.713,
303.218

 29, 13.713,
303.218

 19, 13.713,
303.218

 9, 13.713, 303.218

0, 13.713, 303.218

79, 13.713,
303.218

79, 13.713,
303.218

72, 26.055,
303.885

86, 1.789, 302.598

66, 38.806,
304.634

92, 9.717, 122.123

59, 51.907,
305.454

98, 19.714,
120.335

53, 65.215,
306.323

99, 19.259,
108.720

47, 78.432,
307.192

41, 90.997,
307.973

■ 36, 101.987,
308.529

■ 32, 110.185,
308.683

■ 30, 114.672,
308.495

Harmonies

Complementary

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



79, 13.713, 303.218



85, 13.415, 121.915

Rectangle

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



79, 13.713, 303.218



79, 13.713, 353.218



79, 13.713, 123.218



79, 13.713, 173.218

Sweetspot

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



79, 13.711, 303.215



98, 4.018, 302.698



83, 7.214, 234.670



52, 3.048, 302.747



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, 13.711, 303.215



89, 19.080, 303.382



80, 15.264, 319.809



42, 6.791, 303.085



23, 96.859, 308.638



3, 30.255, 303.005

Inverse Universe

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



80, 12.882, 335.882



91, 17.879, 336.078



85, 15.177, 138.772



43, 6.393, 335.725



38, 68.342, 346.267



6, 27.662, 342.404

Previews

White Background



This preview shows how the CIELCh color 79, 13.713, 303.218 looks on a white background.

Color Contrast Check

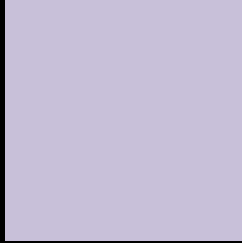
Large Text (above 18pt) WCAG AA × Fail

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, 13.713, 303.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

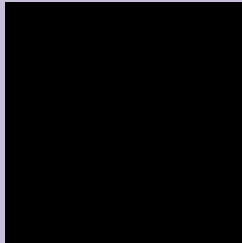
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 13.713, 303.218

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.713, 303.218.



This preview shows how white text looks on a background with the CIELCh color 79, 13.713, 303.218.

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, 13.713, 303.218

Protanopia

79, 12.838, 288.229

Deuteranopia

79, 15.464, 311.515



Tritanopia
79, 8.855, 304.976

Trichromacy



Original Color
79, 13.713, 303.218

Protanomaly
79, 13.405, 294.367

Deuteranomaly
79, 14.604, 308.273

Tritanomaly
79, 10.416, 302.905

Monochromacy



Original Color
79, 13.713, 303.218

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.947, 303.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.713, 303.218 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(200, 192, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 192, 217)  
}
```

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(200, 192, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.713, 303.218 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(200, 192, 217) }
```

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

```
.border{ border-color:rgb(200, 192, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 192, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.713, 303.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 217) }
```

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

```
.background{ background-color: rgb(200,  
192, 217) }
```

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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