

Converting Colors

CIELCh(78, 12.241, 313.502)

Have a look what the booklet for
CIELCh(78, 12.241, 313.502)
contains.

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Color

CIELCh(78, 12.250, 313.521)

Conversions

Conversions Part 1

Format	Color
Hex	C9BCD1
RGB	201, 188, 209
RGB Percent	79%, 74%, 82%
CMY	0.2103, 0.2613, 0.1789
CMYK	0.04, 0.10, 0.00, 0.18
HSL	277°, 19%, 78%
HSV	277°, 10%, 82%
XYZ	53.8016, 53.2120, 67.9971
YIQ	194.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

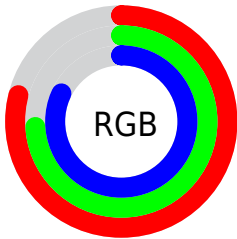
Format	Color
R _Y B	201, 188, 209
Decimal	13221073
CIE Lab	78.00, 8.44, -8.88
CIE LCh	78, 12.250, 313.521
Yxy	53.2120, 0.3074, 0.3040
Android (android.graphics.Color)	4291411153 (0xFFC9BCD1)
YUV	194.2810, 7.2565, 5.8926
Hunter-Lab	72.9466, 3.9959, -4.2046

Details

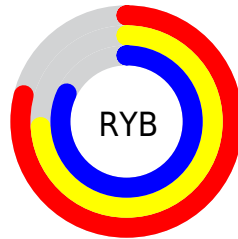
The CIELCh color `78, 12.250, 313.521` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 12.116, 132.705`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.851, 324.635`, and `58, 12.316, 313.007` is the 20% darker color. If you saturate the color by 10%, you get `72, 24.736, 313.967`, and if you desaturate by 10%, it is `84, 0.048, 309.729`.

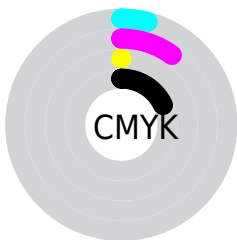
Distribution



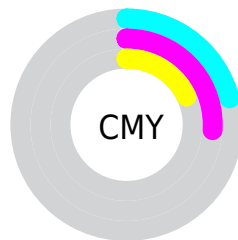
- Red (79%)
- Green (74%)
- Blue (82%)



- Red (79%)
- Yellow (74%)
- Blue (82%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)





- Cyan (21%)
- Magenta (26%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 12.250, 313.521 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 78, 12.250, 313.521 by changing the saturation by 10% instead.


 78, 12.250,
313.521


 78, 12.250,
313.521


 100, 12.250,
313.521


 68, 12.250,
313.521


 98, 12.250,
313.521

 58, 12.250,
313.521

 48, 12.250,
313.521

 38, 12.250,
313.521

 28, 12.250,
313.521

 18, 12.250,
313.521

 8, 12.250, 313.521

0, 12.250, 313.521

78, 12.250,
313.521

78, 12.250,
313.521

72, 24.736,
313.967

84, 0.048, 309.729

66, 37.429,
314.424

90, 11.823,
132.746

61, 50.178,
314.875

96, 23.347,
132.390

55, 62.735,
315.291

97, 24.503,
127.399

50, 74.713,
315.628

98, 23.661,
120.813

46, 85.556,
315.824

99, 23.165,
113.738

■ 42, 94.564,
315.801

■ 99, 23.044,
108.431

■ 39, 101.028,
315.475

■ 37, 104.925,
314.848

Harmonies

Complementary

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



78, 12.250, 313.521



82, 12.116, 132.705

Rectangle

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



78, 12.250, 313.521



78, 12.250, 3.521



78, 12.250, 133.521



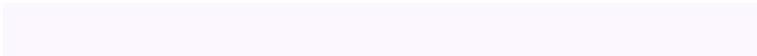
78, 12.250, 183.521

Sweetspot

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



78, 12.248, 313.519



98, 4.267, 313.195



79, 7.426, 268.295



52, 3.236, 313.237



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 12.248, 313.519



92, 17.236, 313.613



79, 12.572, 328.344



41, 6.915, 313.492



29, 89.080, 315.012



3, 27.578, 312.359

Inverse Universe

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



78, 8.909, 351.472



92, 12.548, 351.689



82, 12.545, 147.185



41, 5.028, 351.408



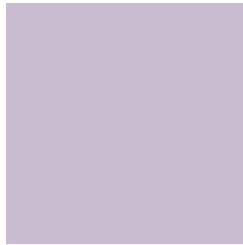
35, 62.311, 13.100



5, 20.879, 1.214

Previews

White Background



This preview shows how the CIELCh color 78, 12.250, 313.521 looks on a white background.

Color Contrast Check

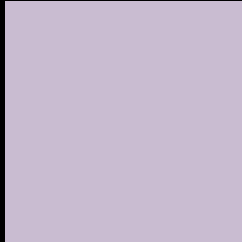
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 12.250, 313.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

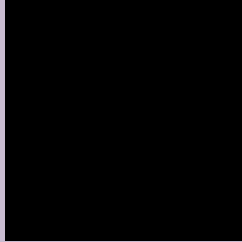
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 12.250, 313.521

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.250, 313.521.



This preview shows how white text looks on a background with the CIELCh color 78, 12.250, 313.521.

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


78, 12.250, 313.521

Protanopia

78, 10.180, 289.123

Deuteranopia

78, 13.829, 317.409



Tritanopia
78, 9.190, 319.111

Trichromacy



Original Color
78, 12.250, 313.521

Protanomaly
78, 10.307, 299.027

Deuteranomaly
78, 13.674, 316.040

Tritanomaly
78, 10.142, 316.245

Monochromacy



Original Color
78, 12.250, 313.521

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.042, 311.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.250, 313.521 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(201, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 209)  
}
```

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(201, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.250, 313.521 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(201, 188, 209) }
```

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

```
.border{ border-color:rgb(201, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.250, 313.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 209) }
```

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

```
.background{ background-color: rgb(201,  
188, 209) }
```

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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