

Converting Colors

CIELCh(78, 10.023, 321.351)

Have a look what the booklet for
CIELCh(78, 10.023, 321.351)
contains.

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Color

CIELCh(78, 10.013, 321.349)

Conversions

Conversions Part 1

Format	Color
Hex	CBBDCD
RGB	203, 189, 205
RGB Percent	80%, 74%, 80%
CMY	0.2058, 0.2606, 0.1979
CMYK	0.01, 0.08, 0.00, 0.20
HSL	292°, 14%, 77%
HSV	292°, 8%, 80%
XYZ	53.5617, 53.2120, 64.9081
YIQ	195.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

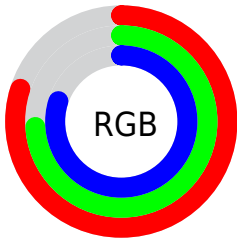
Format	Color
R _{YB}	203, 189, 205
Decimal	13352397
CIE Lab	78.00, 7.82, -6.25
CIE LCh	78, 10.013, 321.349
Yxy	53.2120, 0.3120, 0.3099
Android (android.graphics.Color)	4291542477 (0xFFCBBDCD)
YUV	195.0100, 4.9251, 7.0072
Hunter-Lab	72.9466, 3.4087, -1.6939

Details

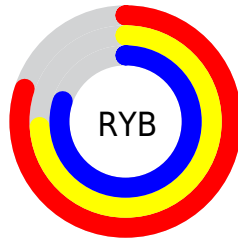
The CIELCh color **78, 10.013, 321.349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.973, 140.642**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.227, 324.609**, and **58, 9.924, 321.201** is the 20% darker color. If you saturate the color by 10%, you get **73, 22.968, 321.836**, and if you desaturate by 10%, it is **83, 2.756, 140.988**.

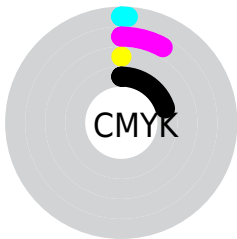
Distribution



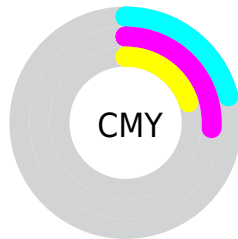
- Red (80%)
- Green (74%)
- Blue (80%)



- Red (80%)
- Yellow (74%)
- Blue (80%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)





- Cyan (21%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 10.013, 321.349 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, 10.013, 321.349 by changing the saturation by 10% instead.


 78, 10.013,
321.349


 78, 10.013,
321.349


 100, 10.013,
321.349


 68, 10.013,
321.349


 98, 10.013,
321.349

 58, 10.013,
321.349

 48, 10.013,
321.349

 38, 10.013,
321.349

 28, 10.013,
321.349

 18, 10.013,
321.349

 8, 10.013, 321.349

78, 10.013,
321.349

78, 10.013,
321.349

73, 22.968,
321.836

83, 2.756, 140.988

68, 35.966,
322.308

89, 15.241,
140.468

63, 48.777,
322.755

94, 27.394,
140.032

58, 61.069,
323.156

96, 30.005,
138.877

54, 72.405,
323.483

96, 29.533,
137.428

51, 82.252,
323.705

96, 29.080,
135.921

■ 48, 90.065,
323.788

■ 96, 28.646,
134.357

■ 46, 95.418,
323.705

■ 97, 28.234,
132.735

■ 44, 98.297,
323.449

■ 97, 27.844,
131.056

Harmonies

Complementary

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



78, 10.013, 321.349



81, 9.973, 140.642

Rectangle

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



78, 10.013, 321.349



78, 10.013, 11.349



78, 10.013, 141.349



78, 10.013, 191.349

Sweetspot

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



78, 10.011, 321.348



99, 3.054, 321.010



77, 7.463, 285.021



53, 1.737, 321.000



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, 10.011, 321.348



94, 13.798, 321.413



78, 8.035, 337.634



40, 7.257, 321.427



36, 84.482, 323.454



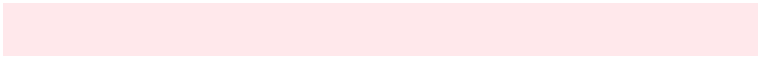
4, 27.765, 322.584

Inverse Universe

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



78, 6.076, 9.708



94, 8.400, 9.841



81, 7.984, 156.583



40, 4.421, 9.869



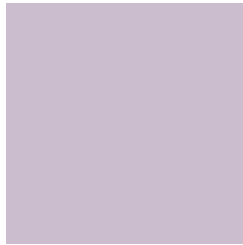
34, 70.406, 34.062



4, 18.040, 13.268

Previews

White Background



This preview shows how the CIELCh color 78, 10.013, 321.349 looks on a white background.

Color Contrast Check

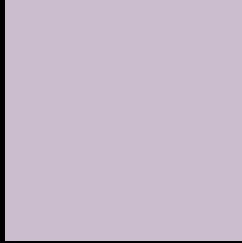
Large Text (above 18pt) WCAG AA × Fail

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, 10.013, 321.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

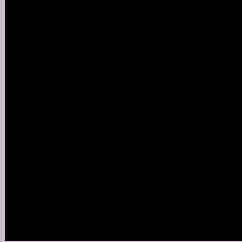
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 10.013, 321.349

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.013, 321.349.



This preview shows how white text looks on a background with the CIELCh color 78, 10.013, 321.349.

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, 10.013, 321.349

Protanopia

78, 7.504, 290.869

Deuteranopia

78, 11.919, 326.376



Tritanopia
78, 9.370, 321.084

Trichromacy



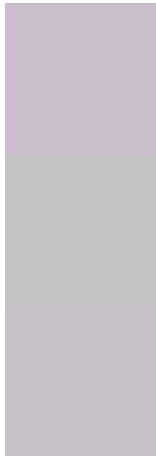
Original Color
78, 10.013, 321.349

Protanomaly
78, 7.744, 304.283

Deuteranomaly
78, 11.057, 324.871

Tritanomaly
78, 9.370, 321.084

Monochromacy



Original Color
78, 10.013, 321.349

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.265, 324.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.013, 321.349 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(203, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 205)  
}
```

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(203, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.013, 321.349 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(203, 189, 205) }
```

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

```
.border{ border-color:rgb(203, 189, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.013, 321.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 189, 205) }
```

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

```
.background{ background-color: rgb(203,  
189, 205) }
```

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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