

Converting Colors

CIELCh(78, 8.552, 310.418)

Have a look what the booklet for
CIELCh(78, 8.552, 310.418) contains.

CIELCh(78, 8.583, 310.523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 8.583, 310.523)

Conversions

Conversions Part 1

Format	Color
Hex	C6BECD
RGB	198, 190, 205
RGB Percent	78%, 75%, 80%
CMY	0.2237, 0.2551, 0.1963
CMYK	0.03, 0.07, 0.00, 0.20
HSL	272°, 13%, 77%
HSV	272°, 7%, 80%
XYZ	52.6937, 53.2120, 65.2215
YIQ	194.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

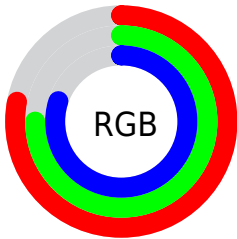
Format	Color
R _Y B	198, 190, 205
Decimal	13024973
CIE Lab	78.00, 5.58, -6.52
CIE LCh	78, 8.583, 310.523
Yxy	53.2120, 0.3079, 0.3109
Android (android.graphics.Color)	4291215053 (0xFFC6BECD)
YUV	194.1020, 5.3727, 3.4185
Hunter-Lab	72.9466, 1.2849, -1.9486

Details

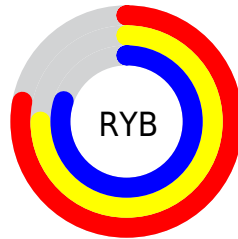
The CIELCh color `78, 8.583, 310.523` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 8.490, 129.924`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 5.604, 324.582`, and `58, 8.438, 309.461` is the 20% darker color. If you saturate the color by 10%, you get `72, 20.580, 310.990`, and if you desaturate by 10%, it is `84, 3.088, 130.155`.

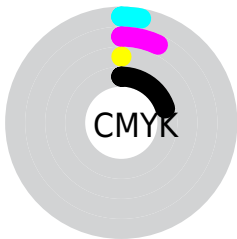
Distribution



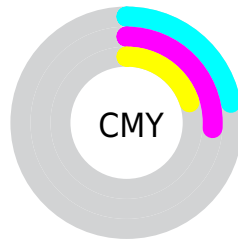
- Red (78%)
- Green (75%)
- Blue (80%)



- Red (78%)
- Yellow (75%)
- Blue (80%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.583, 310.523 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, 8.583, 310.523 by changing the saturation by 10% instead.

■ 78, 8.583, 310.523

■ 78, 8.583, 310.523

■ 100, 8.583,
310.523

■ 68, 8.583, 310.523

■ 98, 8.583, 310.523

■ 58, 8.583, 310.523

■ 48, 8.583, 310.523

■ 38, 8.583, 310.523

■ 28, 8.583, 310.523

■ 18, 8.583, 310.523

■ 8, 8.583, 310.523

■ 0, 8.583, 310.523

■ 78, 8.583, 310.523

■ 78, 8.583, 310.523

72, 20.580,
310.990

84, 3.088, 130.155

66, 32.861,
311.485

90, 14.409,
129.739

60, 45.329,
311.995

96, 25.382,
129.394

55, 57.807,
312.497

98, 26.290,
123.574

49, 69.996,
312.951

98, 25.526,
115.987

44, 81.422,
313.294

99, 25.258,
108.261

40, 91.408,
313.442

36, 99.146,
313.290

34, 104.054,

312.758

Harmonies

Complementary

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



78, 8.583, 310.523



81, 8.490, 129.924

Rectangle

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



78, 8.583, 310.523



78, 8.583, 0.523



78, 8.583, 130.523



78, 8.583, 180.523

Sweetspot

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



78, 8.581, 310.520



99, 2.787, 310.251



79, 4.840, 258.219



53, 1.585, 310.244



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, 8.581, 310.520



94, 12.633, 310.603



79, 9.639, 325.261



40, 6.645, 310.616



26, 89.671, 312.771



3, 24.711, 307.908

Inverse Universe

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



78, 6.710, 346.040



94, 9.878, 346.212



81, 9.620, 144.491



40, 5.196, 346.239



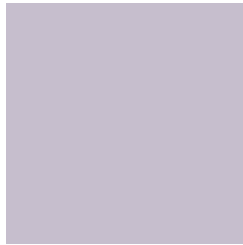
35, 61.189, 4.772



4, 19.607, 355.581

Previews

White Background



This preview shows how the CIELCh color 78, 8.583, 310.523 looks on a white background.

Color Contrast Check

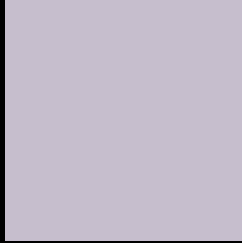
Large Text (above 18pt) WCAG AA × Fail

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 78, 8.583, 310.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

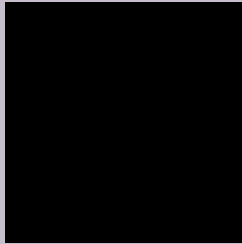
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 8.583, 310.523

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.583, 310.523.

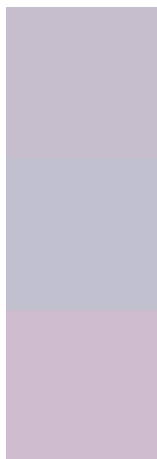


This preview shows how white text looks on a background with the CIELCh color 78, 8.583, 310.523.

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, 8.583, 310.523

Protanopia

78, 7.504, 290.869

Deuteranopia

78, 11.919, 326.376



Tritanopia
78, 8.583, 310.523

Trichromacy



Original Color
78, 8.583, 310.523

Protanomaly
78, 8.132, 298.502

Deuteranomaly
78, 10.666, 321.586

Tritanomaly
78, 8.583, 310.523

Monochromacy



Original Color
78, 8.583, 310.523

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.790, 305.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.583, 310.523 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(198, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 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(198, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.583, 310.523 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(198, 190, 205) }
```

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

```
.border{ border-color:rgb(198, 190, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 205);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.583, 310.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 205) }
```

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

```
.background{ background-color: rgb(198,  
190, 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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