

Converting Colors

CIELCh(78, 7.288, 163.007)

Have a look what the booklet for
CIELCh(78, 7.288, 163.007) contains.

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Color

CIELCh(78, 7.298, 163.035)

Conversions

Conversions Part 1

Format	Color
Hex	B5C5BD
RGB	181, 197, 189
RGB Percent	71%, 77%, 74%
CMY	0.2916, 0.2288, 0.2602
CMYK	0.08, 0.00, 0.04, 0.23
HSL	150°, 12%, 74%
HSV	150°, 8%, 77%
XYZ	48.0072, 53.2120, 55.6849
YIQ	191.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

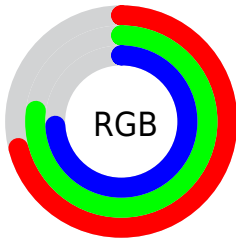
Format	Color
RYB	181, 192, 197
Decimal	11912637
CIELab	78.00, -6.98, 2.13
CIELCh	78, 7.298, 163.035
Yxy	53.2120, 0.3060, 0.3391
Android (android.graphics.Color)	4290102717 (0xFFB5C5BD)
YUV	191.3040, -1.1359, -9.0366
Hunter-Lab	72.9466, -10.1831, 5.8027

Details

The CIELCh color `78, 7.298, 163.035` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 7.383, 344.265`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 7.548, 161.618`, and `58, 7.089, 164.657` is the 20% darker color. If you saturate the color by 10%, you get `76, 16.267, 162.096`, and if you desaturate by 10%, it is `80, 1.677, 343.553`.

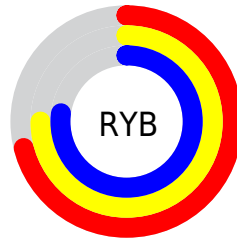
Distribution



Red (71%)

Green (77%)

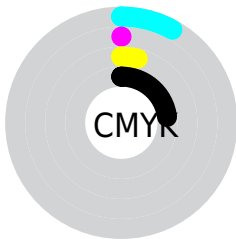
Blue (74%)



Red (71%)

Yellow (75%)

Blue (77%)

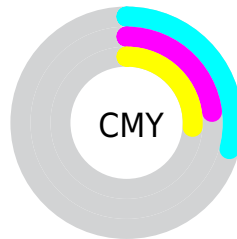


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.298, 163.035 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, 7.298, 163.035 by changing the saturation by 10% instead.

■ 78, 7.298, 163.035

■ 78, 7.298, 163.035

■ 100, 7.298,
163.035

■ 68, 7.298, 163.035

■ 98, 7.298, 163.035

■ 58, 7.298, 163.035

■ 48, 7.298, 163.035

■ 38, 7.298, 163.035

■ 28, 7.298, 163.035

■ 18, 7.298, 163.035

■ 8, 7.298, 163.035

■ 0, 7.298, 163.035

■ 78, 7.298, 163.035

■ 78, 7.298, 163.035

76, 16.267,
162.096

80, 1.677, 343.553

75, 25.115,
161.080

82, 10.576,
344.499

74, 33.711,
159.945

84, 19.331,
345.201

73, 41.906,
158.664

85, 26.656,
343.683

72, 49.551,
157.213

86, 29.872,
335.682

71, 56.507,
155.569

86, 33.588,
329.437

71, 62.672,
153.715

86, 36.597,
325.696

70, 68.006,
151.653

70, 72.579,

149.434

Harmonies

Complementary

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



78, 7.298, 163.035



75, 7.383, 344.265

Rectangle

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



78, 7.298, 163.035



78, 7.298, 213.035



78, 7.298, 343.035



78, 7.298, 33.035

Sweetspot

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



78, 7.300, 163.030



100, 2.207, 163.704



78, 9.026, 128.136



53, 1.255, 163.724



0, 0.000, 0.000



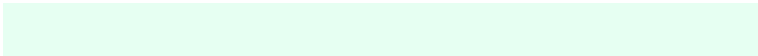
53, 0.007, 296.813

Same Dimension

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



78, 7.300, 163.030



98, 11.084, 162.844



78, 5.760, 197.633



41, 5.137, 162.914



59, 63.470, 149.374



11, 20.056, 155.909

Inverse Universe

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



75, 7.383, 344.265



93, 11.234, 344.451



75, 6.051, 18.469



39, 5.202, 344.381



35, 60.737, 1.555



4, 17.858, 352.979

Previews

White Background



This preview shows how the CIELCh color 78, 7.298, 163.035 looks on a white background.

Color Contrast Check

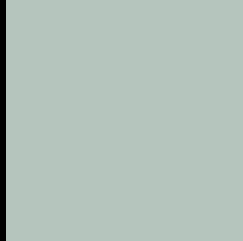
Large Text (above 18pt) WCAG AA × Fail

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, 7.298, 163.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

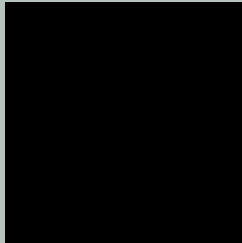
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

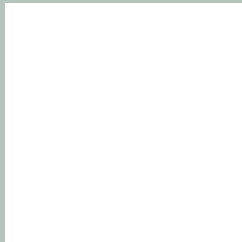
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.298, 163.035

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.298, 163.035.

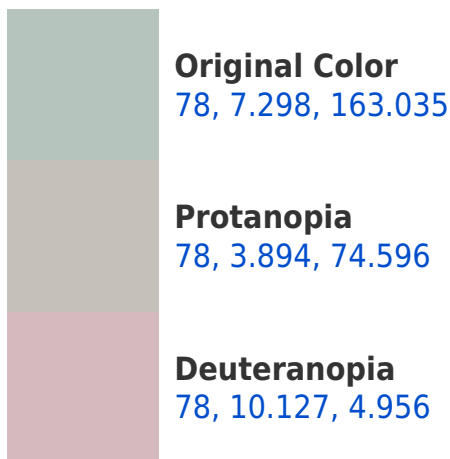


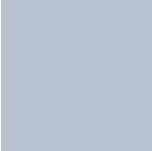
This preview shows how white text looks on a background with the CIELCh color 78, 7.298, 163.035.

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





Tritanopia
78, 8.695, 267.080

Trichromacy



Original Color
78, 7.298, 163.035

Protanomaly
78, 3.811, 121.068

Deuteranomaly
78, 4.102, 19.603

Tritanomaly
78, 5.628, 241.073

Monochromacy



Original Color
78, 7.298, 163.035

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.741, 163.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.298, 163.035 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(181, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 189)  
}
```

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(181, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.298, 163.035 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(181, 197, 189) }
```

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

```
.border{ border-color:rgb(181, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.298, 163.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 189) }
```

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

```
.background{ background-color: rgb(181,  
197, 189) }
```

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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