

Converting Colors

CIELCh(78, 6.845, 174.623)

Have a look what the booklet for
CIELCh(78, 6.845, 174.623) contains.

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Color

CIELCh(78, 7.012, 171.681)

Conversions

Conversions Part 1

Format	Color
Hex	B4C5BF
RGB	180, 197, 191
RGB Percent	71%, 77%, 75%
CMY	0.2953, 0.2286, 0.2521
CMYK	0.09, 0.00, 0.03, 0.23
HSL	159°, 13%, 74%
HSV	159°, 9%, 77%
XYZ	48.0224, 53.2120, 56.8576
YIQ	191.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

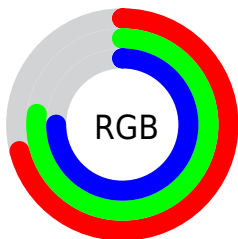
Format	Color
RYB	180, 190, 197
Decimal	11847103
CIELab	78.00, -6.94, 1.01
CIELCh	78, 7.012, 171.681
Yxy	53.2120, 0.3038, 0.3366
Android (android.graphics.Color)	4290037183 (0xFFB4C5BF)
YUV	191.2330, -0.1149, -9.8513
Hunter-Lab	72.9466, -10.1458, 4.8495

Details

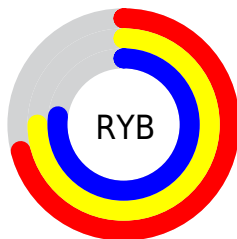
The CIELCh color **78, 7.012, 171.681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 7.161, 353.127**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.247, 169.539**, and **58, 6.819, 174.149** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.035, 170.668**, and if you desaturate by 10%, it is **80, 1.112, 352.100**.

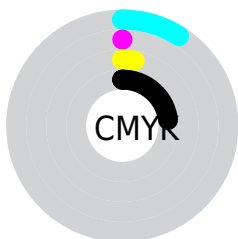
Distribution



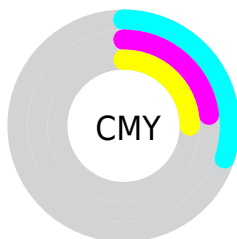
- Red (71%)
- Green (77%)
- Blue (75%)



- Red (71%)
- Yellow (75%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.012, 171.681 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, 7.012, 171.681 by changing the saturation by 10% instead.

■ 78, 7.012, 171.681

■ 78, 7.012, 171.681

■ 100, 7.012,
171.681

■ 68, 7.012, 171.681

■ 98, 7.012, 171.681

■ 58, 7.012, 171.681

■ 48, 7.012, 171.681

■ 38, 7.012, 171.681

■ 28, 7.012, 171.681

■ 18, 7.012, 171.681

■ 8, 7.012, 171.681

■ 0, 7.012, 171.681

■ 78, 7.012, 171.681

■ 78, 7.012, 171.681

77, 15.035,
170.668

80, 1.112, 352.100

75, 22.843,
169.600

81, 9.251, 353.297

74, 30.311,
168.433

83, 17.334,
354.107

73, 37.306,
167.142

85, 24.192,
353.380

72, 43.694,
165.701

85, 25.894,
346.119

72, 49.364,
164.087

85, 27.983,
339.892

71, 54.243,
162.277

86, 30.376,
334.637

71, 58.322,
160.261

86, 33.004,
330.233

70, 61.717,

86, 35.813,
326.547

Harmonies

Complementary

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



78, 7.012, 171.681



75, 7.161, 353.127

Rectangle

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



78, 7.012, 171.681



78, 7.012, 221.681



78, 7.012, 351.681



78, 7.012, 41.681

Sweetspot

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



78, 7.014, 171.673



99, 3.008, 172.303



78, 9.953, 133.241



53, 2.281, 172.191



0, 0.000, 0.000



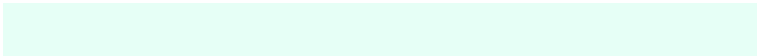
53, 0.007, 296.813

Same Dimension

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



78, 7.014, 171.673



98, 10.014, 171.522



78, 5.403, 212.129



41, 4.643, 171.598



59, 53.808, 158.124



11, 17.611, 164.035

Inverse Universe

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



75, 7.161, 353.127



93, 10.258, 353.285



75, 5.710, 32.060



39, 4.748, 353.205



34, 61.341, 15.617



4, 16.768, 1.480

Previews

White Background



This preview shows how the CIELCh color 78, 7.012, 171.681 looks on a white background.

Color Contrast Check

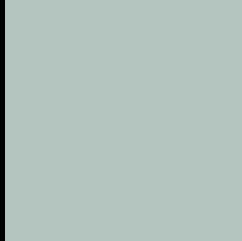
Large Text (above 18pt) WCAG AA × Fail

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, 7.012, 171.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

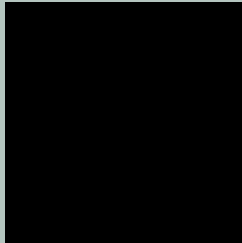
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

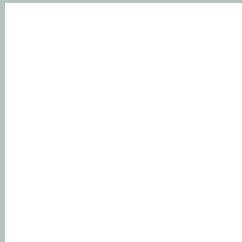
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.012, 171.681

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.012, 171.681.



This preview shows how white text looks on a background with the CIELCh color 78, 7.012, 171.681.

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

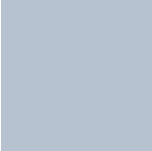
78, 7.012, 171.681

Protanopia

78, 2.817, 68.519

Deuteranopia

78, 10.076, 358.460



Tritanopia
78, 8.832, 265.002

Trichromacy



Original Color
78, 7.012, 171.681

Protanomaly
78, 2.897, 132.430

Deuteranomaly
78, 3.873, 3.571

Tritanomaly
78, 5.893, 238.788

Monochromacy



Original Color
78, 7.012, 171.681

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.457, 173.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.012, 171.681 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(180, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 191)  
}
```

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(180, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.012, 171.681 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(180, 197, 191) }
```

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

```
.border{ border-color:rgb(180, 197, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.012, 171.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 191) }
```

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

```
.background{ background-color: rgb(180,  
197, 191) }
```

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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