

Converting Colors

CIELCh(78, 6.983, 183.150)

Have a look what the booklet for
CIELCh(78, 6.983, 183.150) contains.

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Color

CIELCh(78, 7.227, 181.659)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5C1
RGB	178, 197, 193
RGB Percent	70%, 77%, 76%
CMY	0.3022, 0.2277, 0.2434
CMYK	0.10, 0.00, 0.02, 0.23
HSL	167°, 14%, 74%
HSV	167°, 10%, 77%
XYZ	47.9191, 53.2120, 58.1635
YIQ	190.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

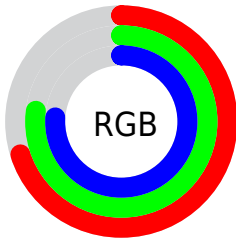
Format	Color
RYB	178, 189, 197
Decimal	11716033
CIELab	78.00, -7.22, -0.21
CIELCh	78, 7.227, 181.659
Yxy	53.2120, 0.3008, 0.3340
Android (android.graphics.Color)	4289906113 (0xFFB2C5C1)
YUV	190.8630, 1.0535, -11.2809
Hunter-Lab	72.9466, -10.3985, 3.7881

Details

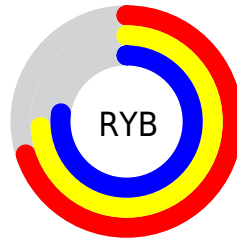
The CIELCh color **78, 7.227, 181.659** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.499, 3.280**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.409, 178.873**, and **58, 7.095, 184.826** is the 20% darker color. If you saturate the color by 10%, you get **77, 14.505, 180.679**, and if you desaturate by 10%, it is **80, 0.270, 0.615**.

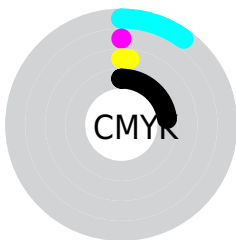
Distribution



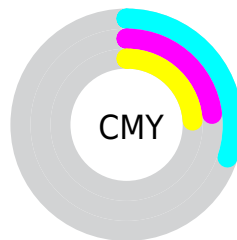
- Red (70%)
- Green (77%)
- Blue (76%)



- Red (70%)
- Yellow (74%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.227, 181.659 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, 7.227, 181.659 by changing the saturation by 10% instead.

■ 78, 7.227, 181.659

■ 78, 7.227, 181.659

■ 100, 7.227,
181.659

■ 68, 7.227, 181.659

■ 98, 7.227, 181.659

■ 58, 7.227, 181.659

■ 48, 7.227, 181.659

■ 38, 7.227, 181.659

■ 28, 7.227, 181.659

■ 18, 7.227, 181.659

■ 8, 7.227, 181.659

■ 0, 7.227, 181.659

■ 78, 7.227, 181.659

■ 78, 7.227, 181.659

77, 14.505,
180.679

80, 0.270, 0.615

75, 21.448,
179.676

81, 7.894, 3.258

74, 27.933,
178.610

83, 15.565, 4.107

73, 33.835,
177.461

85, 23.160,
359.170

73, 39.038,
176.208

85, 23.921,
354.270

72, 43.450,
174.827

85, 24.856,
349.720

72, 47.026,
173.294

85, 25.946,
345.542

71, 49.779,
171.592

85, 27.172,
341.738

71, 51.876,

169.753

Harmonies

Complementary

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



78, 7.227, 181.659



74, 7.499, 3.280

Rectangle

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



78, 7.227, 181.659



78, 7.227, 231.659



78, 7.227, 1.659



78, 7.227, 51.659

Sweetspot

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



78, 7.228, 181.649



99, 2.789, 182.390



78, 11.618, 137.891



53, 2.113, 182.272



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, 7.228, 181.649



98, 11.052, 181.402



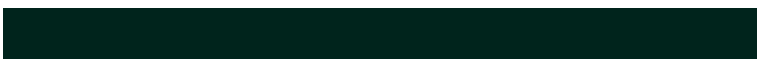
77, 5.616, 230.237



41, 4.284, 181.675



60, 45.020, 169.973



11, 15.367, 174.795

Inverse Universe

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



74, 7.499, 3.280



92, 11.577, 3.555



75, 5.924, 48.859



39, 4.440, 3.252



34, 65.784, 28.074



3, 16.212, 8.624

Previews

White Background



This preview shows how the CIE LCh color 78, 7.227, 181.659 looks on a white background.

Color Contrast Check

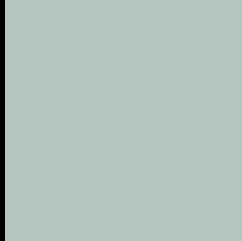
Large Text (above 18pt) WCAG AA × Fail

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, 7.227, 181.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

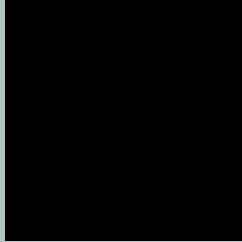
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

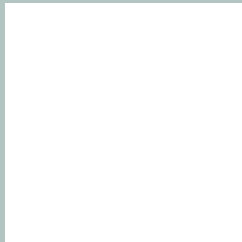
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.227, 181.659

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.227, 181.659.



This preview shows how white text looks on a background with the CIELCh color 78, 7.227, 181.659.

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, 9.601, 262.747

Trichromacy



Original Color
78, 7.227, 181.659

Protanomaly
78, 2.184, 152.352

Deuteranomaly
78, 3.060, 347.853

Tritanomaly
78, 7.083, 242.160

Monochromacy



Original Color
78, 7.227, 181.659

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.620, 187.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.227, 181.659 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(178, 197, 193)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 193)  
}
```

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(178, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.227, 181.659 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(178, 197, 193) }
```

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

```
.border{ border-color:rgb(178, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.227, 181.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 193) }
```

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

```
.background{ background-color: rgb(178,  
197, 193) }
```

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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