

Converting Colors

CIELCh(78, 8.170, 162.029)

Have a look what the booklet for
CIELCh(78, 8.170, 162.029) contains.

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Color

CIELCh(78, 8.212, 162.941)

Conversions

Conversions Part 1

Format	Color
Hex	B3C5BC
RGB	179, 197, 188
RGB Percent	70%, 77%, 74%
CMY	0.2976, 0.2270, 0.2623
CMYK	0.09, 0.00, 0.05, 0.23
HSL	150°, 13%, 74%
HSV	150°, 9%, 77%
XYZ	47.6931, 53.2120, 55.3934
YIQ	190.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

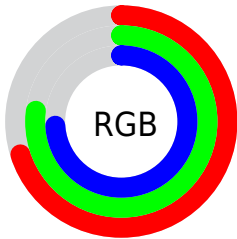
Format	Color
RYB	179, 191, 197
Decimal	11781564
CIELab	78.00, -7.85, 2.41
CIELCh	78, 8.212, 162.941
Yxy	53.2120, 0.3051, 0.3405
Android (android.graphics.Color)	4289971644 (0xFFB3C5BC)
YUV	190.5920, -1.2779, -10.1662
Hunter-Lab	72.9466, -10.9517, 6.0396

Details

The CIELCh color **78, 8.212, 162.941** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 8.316, 344.356**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 8.419, 161.704**, and **58, 8.056, 164.310** is the 20% darker color. If you saturate the color by 10%, you get **76, 17.192, 161.998**, and if you desaturate by 10%, it is **80, 0.784, 343.201**.

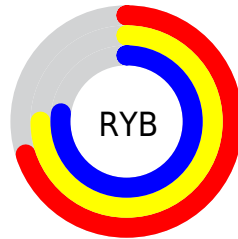
Distribution



Red (70%)

Green (77%)

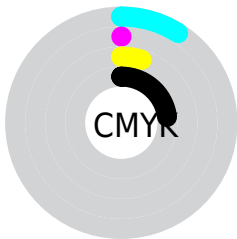
Blue (74%)



Red (70%)

Yellow (75%)

Blue (77%)

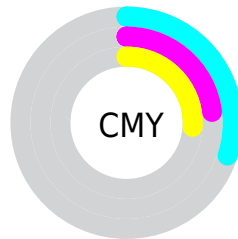


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (23%)



Cyan (30%)

Magenta (23%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.212, 162.941 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, 8.212, 162.941 by changing the saturation by 10% instead.

■ 78, 8.212, 162.941

■ 78, 8.212, 162.941

■ 100, 8.212,
162.941

■ 68, 8.212, 162.941

■ 98, 8.212, 162.941

■ 58, 8.212, 162.941

■ 48, 8.212, 162.941

■ 38, 8.212, 162.941

■ 28, 8.212, 162.941

■ 18, 8.212, 162.941

■ 8, 8.212, 162.941

■ 0, 8.212, 162.941

■ 78, 8.212, 162.941

■ 78, 8.212, 162.941

76, 17.192,
161.998

80, 0.784, 343.201

75, 26.037,
160.971

82, 9.711, 344.423

74, 34.616,
159.822

84, 18.500,
345.133

73, 42.779,
158.525

85, 26.248,
344.281

72, 50.375,
157.055

86, 29.435,
336.078

71, 57.268,
155.390

86, 33.140,
329.687

71, 63.362,
153.515

86, 36.309,
325.686

70, 68.621,
151.432

70, 73.152,

Harmonies

Complementary

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



78, 8.212, 162.941



75, 8.316, 344.356

Rectangle

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



78, 8.212, 162.941



78, 8.212, 212.941



78, 8.212, 342.941



78, 8.212, 32.941

Sweetspot

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



78, 8.214, 162.936



99, 3.316, 163.547



78, 10.156, 128.089



53, 2.516, 163.449



0, 0.000, 0.000



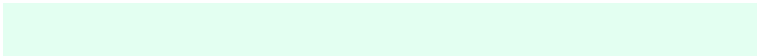
53, 0.007, 296.813

Same Dimension

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



78, 8.214, 162.936



98, 12.193, 162.749



78, 6.464, 197.566



41, 5.137, 162.913



59, 63.471, 149.373



11, 20.056, 155.908

Inverse Universe

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



75, 8.316, 344.356



93, 12.372, 344.543



74, 6.833, 18.552



39, 5.202, 344.379



35, 60.737, 1.553



4, 17.858, 352.978

Previews

White Background



This preview shows how the CIELCh color 78, 8.212, 162.941 looks on a white background.

Color Contrast Check

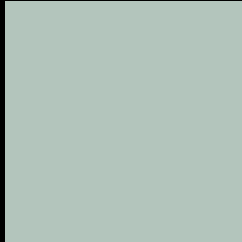
Large Text (above 18pt) WCAG AA × Fail

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, 8.212, 162.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

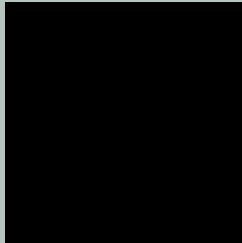
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

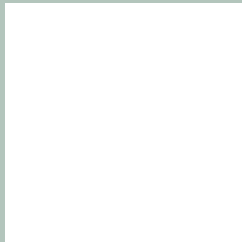
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.212, 162.941

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.212, 162.941.



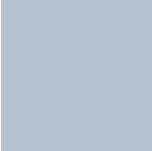
This preview shows how white text looks on a background with the CIELCh color 78, 8.212, 162.941.

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, 8.832, 265.002

Trichromacy



Original Color
78, 8.212, 162.941

Protanomaly
78, 4.420, 124.400

Deuteranomaly
78, 3.766, 27.703

Tritanomaly
78, 5.587, 234.375

Monochromacy



Original Color
78, 8.212, 162.941

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, 8.212, 162.941 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(179, 197, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 197, 188)  
}
```

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(179, 197, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 197, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.212, 162.941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

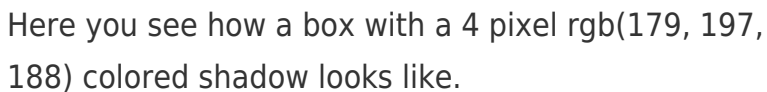
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 197, 188) }
```

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

```
.border{ border-color:rgb(179, 197, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 197, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 197, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 197, 188); box-shadow:4px 4px 4px 4px rgb(179, 197, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.212, 162.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 197, 188) }
```

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

```
.background{ background-color: rgb(179,  
197, 188) }
```

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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