

Converting Colors

CIELCh(78, 9.860, 250.169)

Have a look what the booklet for
CIELCh(78, 9.860, 250.169) contains.

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Color

CIELCh(78, 10.049, 252.438)

Conversions

Conversions Part 1

Format	Color
Hex	B1C3D2
RGB	177, 195, 210
RGB Percent	69%, 76%, 82%
CMY	0.3047, 0.2341, 0.1753
CMYK	0.16, 0.07, 0.00, 0.18
HSL	207°, 27%, 76%
HSV	207°, 16%, 82%
XYZ	49.4494, 53.2120, 68.8333
YIQ	191.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

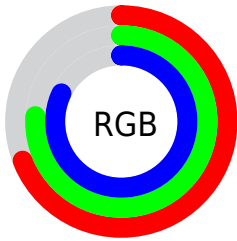
Format	Color
RYB	177, 189, 210
Decimal	11650002
CIELab	78.00, -3.03, -9.58
CIELCh	78, 10.049, 252.438
Yxy	53.2120, 0.2883, 0.3103
Android (android.graphics.Color)	4289840082 (0xFFB1C3D2)
YUV	191.3280, 9.2053, -12.5657
Hunter-Lab	72.9466, -6.6539, -4.8842

Details

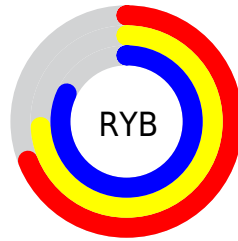
The CIELCh color `78, 10.049, 252.438` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 10.583, 68.492`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 6.643, 212.463`, and `58, 10.365, 254.776` is the 20% darker color. If you saturate the color by 10%, you get `74, 16.278, 254.060`, and if you desaturate by 10%, it is `82, 3.681, 251.126`.

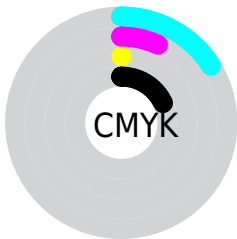
Distribution



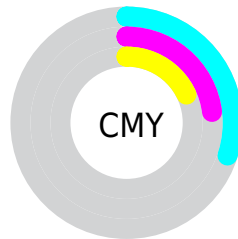
- Red (69%)
- Green (76%)
- Blue (82%)



- Red (69%)
- Yellow (74%)
- Blue (82%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 10.049, 252.438 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, 10.049, 252.438 by changing the saturation by 10% instead.

■ 78, 10.049,
252.438

■ 78, 10.049,
252.438

■ 100, 10.049,
252.438

■ 68, 10.049,
252.438

■ 98, 10.049,
252.438

■ 58, 10.049,
252.438

■ 48, 10.049,
252.438

■ 38, 10.049,
252.438

■ 28, 10.049,
252.438

■ 18, 10.049,
252.438

■ 8, 10.049, 252.438

0, 10.049, 252.438

78, 10.049,
252.438

78, 10.049,
252.438

74, 16.278,
254.060

82, 3.681, 251.126

86, 2.788, 69.708

70, 22.335,
256.032

90, 9.327, 68.838

66, 28.190,
258.406

94, 14.395, 75.285

63, 33.827,
261.248

96, 17.295, 93.957

98, 21.444,
106.200

59, 39.260,
264.613

99, 22.578,
108.467

56, 44.538,
268.520

■ 52, 49.759,
272.921

■ 49, 55.049,
277.674

■ 48, 57.401,
279.675

Harmonies

Complementary

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



78, 10.049, 252.438



79, 10.583, 68.492

Rectangle

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



78, 10.049, 252.438



78, 10.049, 302.438



78, 10.049, 72.438



78, 10.049, 122.438

Sweetspot

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



78, 10.048, 252.429



98, 3.781, 251.060



82, 15.440, 159.777



52, 2.578, 251.133



0, 0.000, 0.000



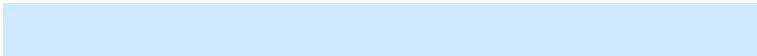
53, 0.007, 296.813

Same Dimension

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



78, 10.048, 252.429



91, 14.173, 252.966



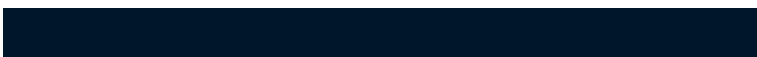
74, 17.008, 289.871



42, 3.637, 251.563



39, 47.933, 278.866



7, 15.230, 267.377

Inverse Universe

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



76, 15.636, 342.542



88, 22.197, 342.863



83, 16.470, 106.525



41, 5.591, 341.986



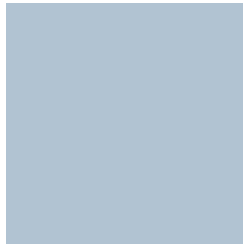
36, 62.793, 357.462



5, 22.315, 350.959

Previews

White Background



This preview shows how the CIELCh color 78, 10.049, 252.438 looks on a white background.

Color Contrast Check

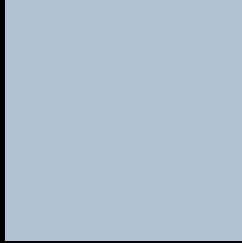
Large Text (above 18pt) WCAG AA × Fail

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, 10.049, 252.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

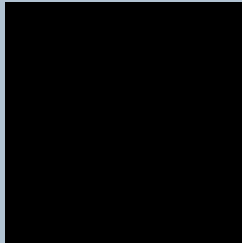
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

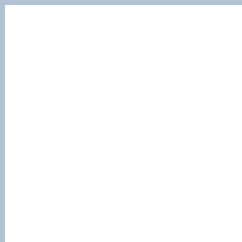
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.049, 252.438

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.049, 252.438.

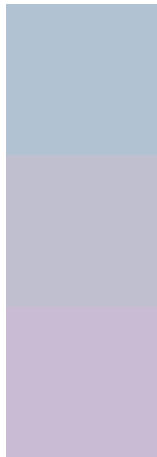


This preview shows how white text looks on a background with the CIELCh color 78, 10.049, 252.438.

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, 10.049, 252.438

Protanopia
78, 9.130, 293.246

Deuteranopia
78, 14.511, 312.970



Tritanopia
78, 10.463, 254.365

Trichromacy



Original Color
78, 10.049, 252.438

Protanomaly
78, 8.786, 277.031

Deuteranomaly
78, 11.336, 296.573

Tritanomaly
78, 10.463, 254.365

Monochromacy



Original Color
78, 10.049, 252.438

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.846, 256.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.049, 252.438 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(177, 195, 210)` looks like.

```
.text, #text, p{  
    color:rgb(177, 195, 210)  
}
```

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(177, 195, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.049, 252.438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

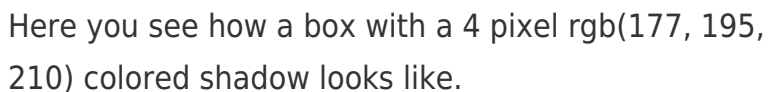
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 195, 210) }
```

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

```
.border{ border-color:rgb(177, 195, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 195, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 195, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 195, 210); box-shadow:4px 4px 4px 4px rgb(177, 195, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.049, 252.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 210) }
```

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

```
.background{ background-color: rgb(177,  
195, 210) }
```

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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