

Converting Colors

CIELCh(78, 9.792, 232.956)

Have a look what the booklet for
CIELCh(78, 9.792, 232.956) contains.

CIELCh(78, 9.793, 232.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 9.793, 232.184)

Conversions

Conversions Part 1

Format	Color
Hex	ADC5CF
RGB	173, 197, 207
RGB Percent	68%, 77%, 81%
CMY	0.3222, 0.2281, 0.1889
CMYK	0.16, 0.05, 0.00, 0.19
HSL	198°, 26%, 74%
HSV	198°, 16%, 81%
XYZ	48.3611, 53.2120, 66.6383
YIQ	190.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

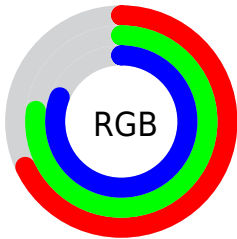
Format	Color
RYB	173, 187, 207
Decimal	11388367
CIELab	78.00, -6.00, -7.74
CIELCh	78, 9.793, 232.184
Yxy	53.2120, 0.2875, 0.3163
Android (android.graphics.Color)	4289578447 (0xFFADC5CF)
YUV	190.9640, 7.9057, -15.7544
Hunter-Lab	72.9466, -9.3171, -3.1001

Details

The CIELCh color `78, 9.793, 232.184` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 10.754, 49.778`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 8.516, 202.392`, and `58, 9.938, 233.841` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.345, 233.248`, and if you desaturate by 10%, it is `81, 3.921, 231.397`.

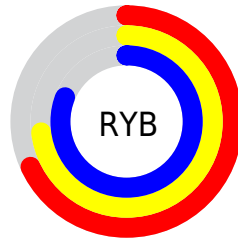
Distribution



Red (68%)

Green (77%)

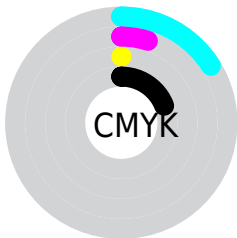
Blue (81%)



Red (68%)

Yellow (73%)

Blue (81%)

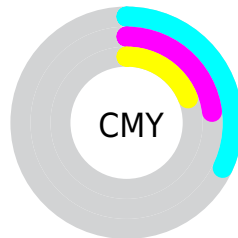


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.793, 232.184 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, 9.793, 232.184 by changing the saturation by 10% instead.

■ 78, 9.793, 232.184

■ 78, 9.793, 232.184

■ 100, 9.793,
232.184

■ 68, 9.793, 232.184

■ 98, 9.793, 232.184

■ 58, 9.793, 232.184

■ 48, 9.793, 232.184

■ 38, 9.793, 232.184

■ 28, 9.793, 232.184

■ 18, 9.793, 232.184

■ 8, 9.793, 232.184

■ 0, 9.793, 232.184

■ 78, 9.793, 232.184

■ 78, 9.793, 232.184

75, 15.345,
233.248

81, 3.921, 231.397

72, 20.504,
234.632

84, 2.203, 50.358

69, 25.197,
236.395

87, 8.519, 50.011

67, 29.361,
238.621

91, 14.791, 50.029

64, 32.960,
241.402

92, 14.870, 64.637

62, 36.001,
244.822

94, 15.881, 78.166

60, 38.557,
248.930

95, 17.657, 89.459

58, 40.778,
253.687

97, 19.983, 98.343

57, 41.572,

98, 22.680,
105.184

255.415

Harmonies

Complementary

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



78, 9.793, 232.184



76, 10.754, 49.778

Rectangle

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



78, 9.793, 232.184



78, 9.793, 282.184



78, 9.793, 52.184



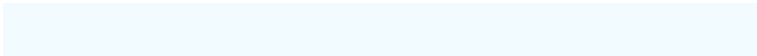
78, 9.793, 102.184

Sweetspot

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



78, 9.793, 232.174



98, 3.620, 231.331



80, 18.083, 152.446



52, 2.466, 231.362



0, 0.000, 0.000



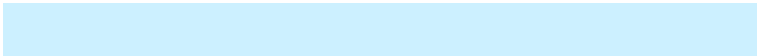
53, 0.007, 296.813

Same Dimension

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



78, 9.793, 232.174



93, 13.991, 232.549



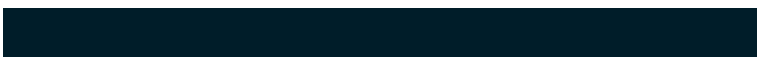
74, 14.604, 281.493



42, 3.465, 231.589



47, 35.431, 254.611



9, 12.625, 243.200

Inverse Universe

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



74, 18.062, 335.162



87, 26.094, 335.444



80, 14.374, 97.469



41, 6.261, 334.650



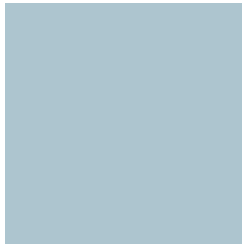
37, 67.970, 344.300



5, 24.811, 340.587

Previews

White Background



This preview shows how the CIELCh color 78, 9.793, 232.184 looks on a white background.

Color Contrast Check

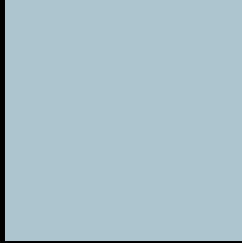
Large Text (above 18pt) WCAG AA × Fail

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, 9.793, 232.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

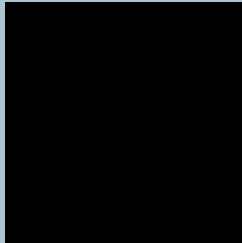
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

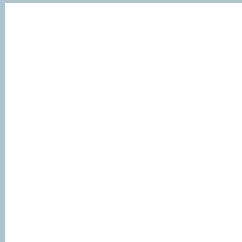
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.793, 232.184

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.793, 232.184.



This preview shows how white text looks on a background with the CIELCh color 78, 9.793, 232.184.

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, 9.793, 232.184

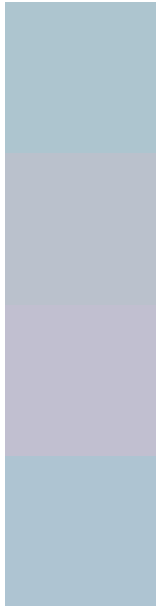
Protanopia
78, 6.489, 297.140

Deuteranopia
78, 13.355, 318.429



Tritanopia
78, 11.272, 248.731

Trichromacy



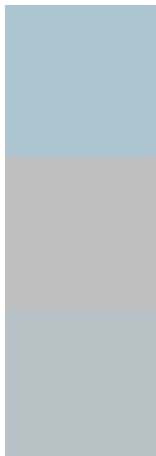
Original Color
78, 9.793, 232.184

Protanomaly
78, 6.356, 267.634

Deuteranomaly
78, 9.156, 295.471

Tritanomaly
78, 10.532, 244.593

Monochromacy



Original Color
78, 9.793, 232.184

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.859, 233.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.793, 232.184 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(173, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 207)  
}
```

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(173, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.793, 232.184 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(173, 197, 207) }
```

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

```
.border{ border-color:rgb(173, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.793, 232.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 207) }
```

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

```
.background{ background-color: rgb(173,  
197, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor