

Converting Colors

CIELCh(78, 9.535, 229.344)

Have a look what the booklet for
CIELCh(78, 9.535, 229.344) contains.

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Color

CIELCh(78, 9.542, 229.350)

Conversions

Conversions Part 1

Format	Color
Hex	ADC5CE
RGB	173, 197, 206
RGB Percent	68%, 77%, 81%
CMY	0.3219, 0.2278, 0.1925
CMYK	0.16, 0.04, 0.00, 0.19
HSL	196°, 25%, 74%
HSV	196°, 16%, 81%
XYZ	48.2842, 53.2120, 66.0551
YIQ	190.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

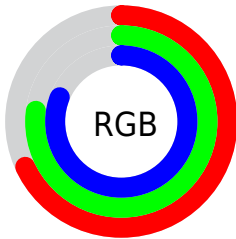
Format	Color
R_{YB}	173, 187, 206
Decimal	11388366
CIE _{Lab}	78.00, -6.22, -7.24
CIE _{LCh}	78, 9.542, 229.350
Yxy	53.2120, 0.2882, 0.3176
Android (android.graphics.Color)	4289578446 (0xFFADC5CE)
YUV	190.8500, 7.4690, -15.6544
Hunter-Lab	72.9466, -9.5053, -2.6261

Details

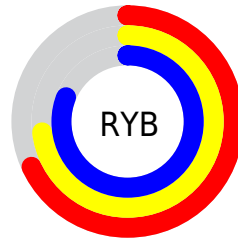
The CIELCh color `78, 9.542, 229.350` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 10.489, 47.319`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 8.516, 202.392`, and `58, 9.665, 230.883` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.076, 230.287`, and if you desaturate by 10%, it is `81, 3.672, 228.683`.

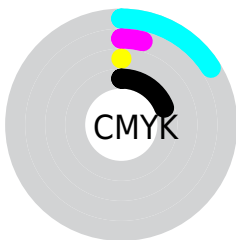
Distribution



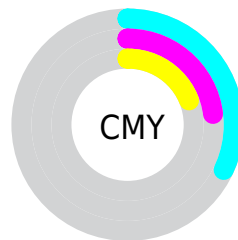
- Red (68%)
- Green (77%)
- Blue (81%)



- Red (68%)
- Yellow (73%)
- Blue (81%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.542, 229.350 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, 9.542, 229.350 by changing the saturation by 10% instead.

■ 78, 9.542, 229.350

■ 78, 9.542, 229.350

■ 100, 9.542,
229.350

■ 68, 9.542, 229.350

■ 98, 9.542, 229.350

■ 58, 9.542, 229.350

■ 48, 9.542, 229.350

■ 38, 9.542, 229.350

■ 28, 9.542, 229.350

■ 18, 9.542, 229.350

■ 8, 9.542, 229.350

■ 0, 9.542, 229.350

■ 78, 9.542, 229.350

■ 78, 9.542, 229.350

75, 15.076,
230.287

81, 3.672, 228.683

72, 20.198,
231.527

84, 2.461, 47.753

70, 24.827,
233.126

87, 8.797, 47.474

67, 28.896,
235.165

91, 15.049, 60.565

65, 32.357,
237.737

93, 15.711, 73.298

63, 35.210,
240.930

94, 17.075, 84.444

61, 37.514,
244.809

96, 18.981, 93.592

97, 21.277,
100.865

59, 39.409,
249.364

58, 40.146,

Harmonies

Complementary

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



78, 9.542, 229.350



76, 10.489, 47.319

Rectangle

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



78, 9.542, 229.350



78, 9.542, 279.350



78, 9.542, 49.350



78, 9.542, 99.350

Sweetspot

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



78, 9.542, 229.339



98, 3.632, 228.648



80, 17.784, 151.845



52, 2.474, 228.673



0, 0.000, 0.000



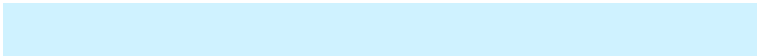
53, 0.007, 296.813

Same Dimension

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



78, 9.542, 229.339



93, 13.346, 229.614



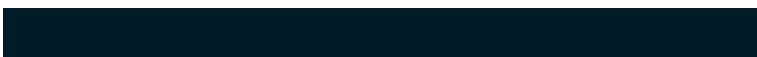
74, 13.910, 280.403



42, 3.405, 228.861



47, 33.976, 250.406



9, 11.898, 239.160

Inverse Universe

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



74, 17.810, 334.265



88, 25.154, 334.495



80, 13.727, 96.435



40, 6.230, 333.793



37, 68.175, 342.762



5, 23.236, 339.178

Previews

White Background



This preview shows how the CIELCh color 78, 9.542, 229.350 looks on a white background.

Color Contrast Check

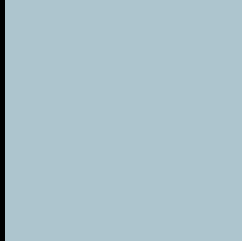
Large Text (above 18pt) WCAG AA × Fail

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, 9.542, 229.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

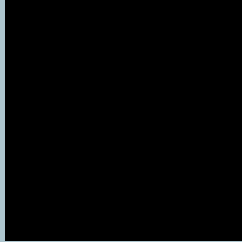
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

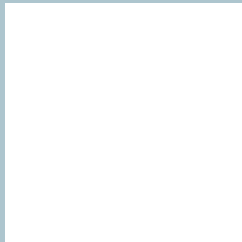
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.542, 229.350

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.542, 229.350.

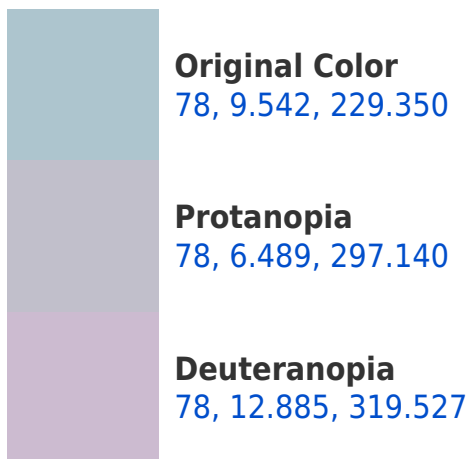


This preview shows how white text looks on a background with the CIELCh color 78, 9.542, 229.350.

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, 11.272, 248.731

Trichromacy



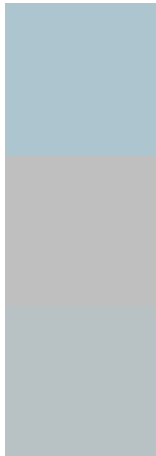
Original Color
78, 9.542, 229.350

Protanomaly
78, 6.356, 267.634

Deuteranomaly
78, 8.622, 295.711

Tritanomaly
78, 10.532, 244.593

Monochromacy



Original Color
78, 9.542, 229.350

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.605, 225.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.542, 229.350 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.542, 229.350 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, 206) }
```

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

```
.border{ border-color:rgb(173, 197, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.542, 229.350 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, 206) }
```

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

```
.background{ background-color: rgb(173,  
197, 206) }
```

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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