

Converting Colors

CIELCh(78, 9.195, 227.132)

Have a look what the booklet for
CIELCh(78, 9.195, 227.132) contains.

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Color

CIELCh(78, 9.314, 226.373)

Conversions

Conversions Part 1

Format	Color
Hex	ADC5CD
RGB	173, 197, 205
RGB Percent	68%, 77%, 80%
CMY	0.3216, 0.2275, 0.1962
CMYK	0.16, 0.04, 0.00, 0.20
HSL	195°, 24%, 74%
HSV	195°, 16%, 80%
XYZ	48.2079, 53.2120, 65.4744
YIQ	190.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

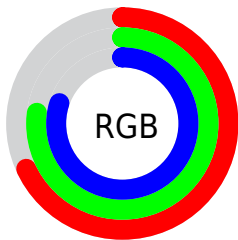
Format	Color
R_{YB}	173, 187, 205
Decimal	11388365
CIE _{Lab}	78.00, -6.43, -6.74
CIE _{LCh}	78, 9.314, 226.373
Yxy	53.2120, 0.2889, 0.3188
Android (android.graphics.Color)	4289578445 (0xFFADC5CD)
YUV	190.7360, 7.0322, -15.5545
Hunter-Lab	72.9466, -9.6920, -2.1541

Details

The CIELCh color `78, 9.314, 226.373` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `75, 10.244, 44.730`, 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, 9.417, 227.763` is the 20% darker color. If you saturate the color by 10%, you get `75, 14.848, 227.171`, and if you desaturate by 10%, it is `81, 3.429, 225.837`.

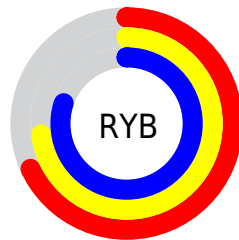
Distribution



Red (68%)

Green (77%)

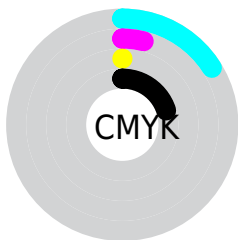
Blue (80%)



Red (68%)

Yellow (73%)

Blue (80%)

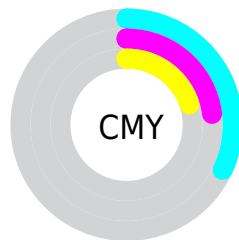


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.314, 226.373 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, 9.314, 226.373 by changing the saturation by 10% instead.

■ 78, 9.314, 226.373

■ 78, 9.314, 226.373

■ 100, 9.314,
226.373

■ 68, 9.314, 226.373

■ 98, 9.314, 226.373

■ 58, 9.314, 226.373

■ 48, 9.314, 226.373

■ 38, 9.314, 226.373

■ 28, 9.314, 226.373

■ 18, 9.314, 226.373

■ 8, 9.314, 226.373

■ 0, 9.314, 226.373

■ 78, 9.314, 226.373

■ 78, 9.314, 226.373

75, 14.848,
227.171

81, 3.429, 225.837

73, 19.951,
228.253

84, 2.731, 45.020

87, 9.101, 44.820

70, 24.536,
229.669

90, 15.626, 44.605

68, 28.529,
231.497

91, 15.306, 56.332

92, 15.642, 68.037

66, 31.876,
233.827

93, 16.597, 78.778

64, 34.562,
236.750

95, 18.066, 88.018

96, 19.930, 95.653

62, 36.637,
240.340

60, 38.227,
244.617

59, 38.881,

246.590

Harmonies

Complementary

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



78, 9.314, 226.373



75, 10.244, 44.730

Rectangle

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



78, 9.314, 226.373



78, 9.314, 276.373



78, 9.314, 46.373



78, 9.314, 96.373

Sweetspot

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



78, 9.314, 226.362



98, 3.654, 225.824



80, 17.688, 150.654



52, 2.489, 225.841



0, 0.000, 0.000



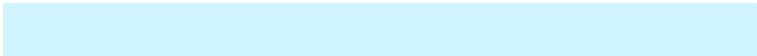
53, 0.007, 296.813

Same Dimension

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



78, 9.314, 226.362



94, 13.402, 226.627



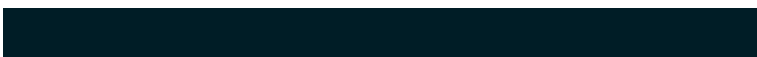
74, 12.985, 278.161



42, 3.424, 225.990



49, 33.064, 245.811



9, 11.799, 235.066

Inverse Universe

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



74, 17.560, 333.344



88, 25.559, 333.597



79, 12.879, 94.206



40, 6.332, 332.914



37, 69.242, 341.219



5, 23.667, 337.927

Previews

White Background



This preview shows how the CIELCh color 78, 9.314, 226.373 looks on a white background.

Color Contrast Check

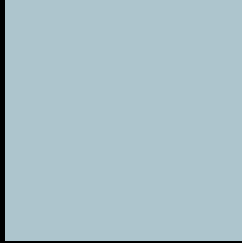
Large Text (above 18pt) WCAG AA × Fail

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, 9.314, 226.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

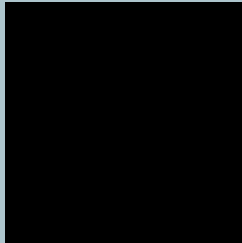
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

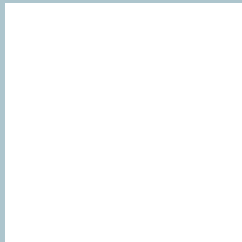
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.314, 226.373

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.314, 226.373.



This preview shows how white text looks on a background with the CIELCh color 78, 9.314, 226.373.

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, 9.314, 226.373

Protanopia

78, 5.957, 297.679

Deuteranopia

78, 12.604, 322.163



Tritanopia
78, 11.272, 248.731

Trichromacy



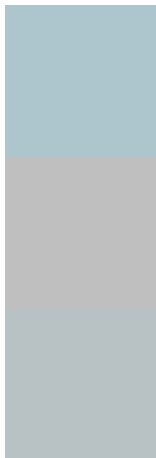
Original Color
78, 9.314, 226.373

Protanomaly
78, 5.870, 265.489

Deuteranomaly
78, 8.088, 295.988

Tritanomaly
78, 10.184, 242.310

Monochromacy



Original Color
78, 9.314, 226.373

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, 9.314, 226.373 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.314, 226.373 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, 205) }
```

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

```
.border{ border-color:rgb(173, 197, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.314, 226.373 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, 205) }
```

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

```
.background{ background-color: rgb(173,  
197, 205) }
```

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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