

Converting Colors

CIELCh(78, 19.414, 239.340)

Have a look what the booklet for
CIELCh(78, 19.414, 239.340)
contains.

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Color

CIELCh(78, 19.427, 238.138)

Conversions

Conversions Part 1

Format	Color
Hex	98C8DF
RGB	152, 200, 223
RGB Percent	60%, 78%, 87%
CMY	0.4045, 0.2163, 0.1261
CMYK	0.32, 0.10, 0.00, 0.13
HSL	199°, 52%, 73%
HSV	199°, 32%, 87%
XYZ	46.8325, 53.2120, 77.4973
YIQ	188.2700, -35.9910, -3.0230

Conversions

Conversions Part 2

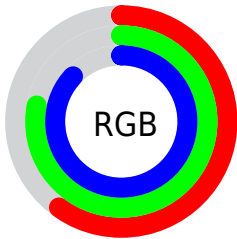
Format	Color
RYB	152, 181, 223
Decimal	10012895
CIELab	78.00, -10.26, -16.50
CIElCh	78, 19.427, 238.138
Yxy	53.2120, 0.2638, 0.2997
Android (android.graphics.Color)	4288202975 (0xFF98C8DF)
YUV	188.2700, 17.1219, -31.8088
Hunter-Lab	72.9466, -13.0575, -11.9262

Details

The CIELCh color **78, 19.427, 238.138** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 23.360, 52.291**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **58, 19.579, 238.329** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.753, 239.904**, and if you desaturate by 10%, it is **81, 13.681, 236.731**.

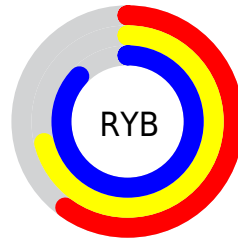
Distribution



Red (60%)

Green (78%)

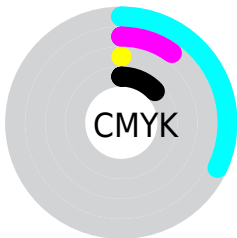
Blue (87%)



Red (60%)

Yellow (71%)

Blue (87%)

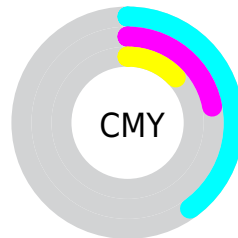


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (40%)


Magenta (22%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 19.427, 238.138 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, 19.427, 238.138 by changing the saturation by 10% instead.


 78, 19.427,
238.138


 78, 19.427,
238.138


 100, 19.427,
238.138


 68, 19.427,
238.138


 98, 19.427,
238.138

 58, 19.427,
238.138

 48, 19.427,
238.138

 38, 19.427,
238.138

 28, 19.427,
238.138

 18, 19.427,
238.138

 8, 19.427, 238.138

0, 19.427, 238.138

78, 19.427,
238.138

78, 19.427,
238.138

75, 24.753,
239.904

81, 13.681,
236.731

72, 29.596,
242.121

85, 7.587, 235.635

69, 33.913,
244.874

88, 1.215, 235.107

92, 5.373, 53.850

66, 37.701,
248.249

95, 9.690, 63.378

64, 41.017,
252.297

96, 11.224, 86.570

61, 43.992,
257.002

98, 14.067,
102.170

■ 59, 46.341,
261.128

■ 99, 16.270,
108.948

Harmonies

Complementary

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



78, 19.427, 238.138



75, 23.360, 52.291

Rectangle

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



78, 19.427, 238.138



78, 19.427, 288.138



78, 19.427, 58.138



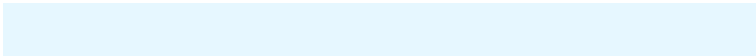
78, 19.427, 108.138

Sweetspot

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



78, 19.426, 238.134



96, 7.163, 235.472



83, 36.249, 152.312



51, 4.873, 235.601



0, 0.000, 0.000



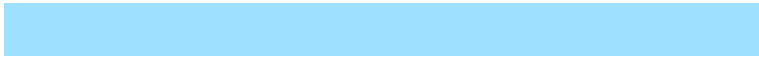
53, 0.007, 296.813

Same Dimension

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



78, 19.426, 238.134



86, 25.358, 239.225



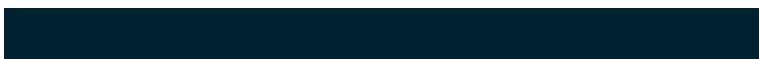
69, 32.018, 285.924



45, 3.671, 235.418



47, 38.499, 260.240



11, 14.583, 250.366

Inverse Universe

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



71, 36.527, 337.668



77, 48.428, 338.229



84, 30.694, 97.701



44, 6.496, 335.895



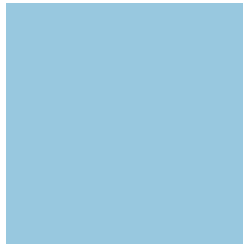
39, 68.905, 346.597



7, 28.945, 342.799

Previews

White Background



This preview shows how the CIELCh color 78, 19.427, 238.138 looks on a white background.

Color Contrast Check

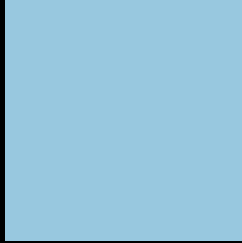
Large Text (above 18pt) WCAG AA × Fail

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, 19.427, 238.138 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, 19.427, 238.138

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.427, 238.138.



This preview shows how white text looks on a background with the CIELCh color 78, 19.427, 238.138.

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

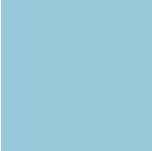
78, 19.427, 238.138

Protanopia

78, 13.959, 287.177

Deuteranopia

78, 20.052, 298.842



Tritanopia
78, 18.462, 226.188

Trichromacy



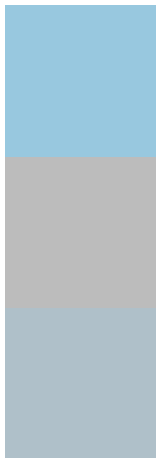
Original Color
78, 19.427, 238.138

Protanomaly
78, 14.692, 265.386

Deuteranomaly
78, 17.589, 277.322

Tritanomaly
78, 18.617, 229.783

Monochromacy



Original Color
78, 19.427, 238.138

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 7.620, 238.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.427, 238.138 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(152, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(152, 200, 223)  
}
```

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(152, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 200, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.427, 238.138 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(152, 200, 223) }
```

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

```
.border{ border-color:rgb(152, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 200, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 200, 223); box-shadow:4px 4px 4px 4px rgb(152, 200, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.427, 238.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 200, 223) }
```

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

```
.background{ background-color: rgb(152,  
200, 223) }
```

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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