

Converting Colors

CIELCh(78, 20.284, 232.278)

Have a look what the booklet for
CIELCh(78, 20.284, 232.278)
contains.

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Color

CIELCh(78, 20.284, 232.278)

Conversions

Conversions Part 1

Format	Color
Hex	93C9DE
RGB	147, 201, 222
RGB Percent	58%, 79%, 87%
CMY	0.4238, 0.2120, 0.1297
CMYK	0.34, 0.09, 0.00, 0.13
HSL	197°, 53%, 72%
HSV	197°, 34%, 87%
XYZ	46.0699, 53.2120, 76.9059
YIQ	187.2480, -38.9250, -4.9170

Conversions

Conversions Part 2

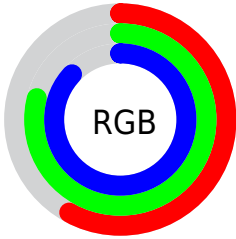
Format	Color
RYB	147, 178, 222
Decimal	9685470
CIELab	78.00, -12.41, -16.04
CIELCh	78, 20.284, 232.278
Yxy	53.2120, 0.2615, 0.3020
Android (android.graphics.Color)	4287875550 (0xFF93C9DE)
YUV	187.2480, 17.1327, -35.2975
Hunter-Lab	72.9466, -14.9237, -11.4455

Details

The CIELCh color **78, 20.284, 232.278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 25.180, 47.462**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **58, 20.348, 232.363** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.338, 233.851**, and if you desaturate by 10%, it is **81, 14.732, 231.050**.

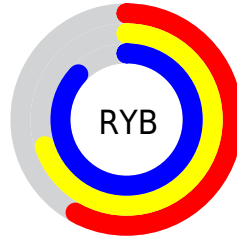
Distribution



Red (58%)

Green (79%)

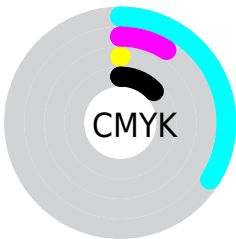
Blue (87%)



Red (58%)

Yellow (70%)

Blue (87%)

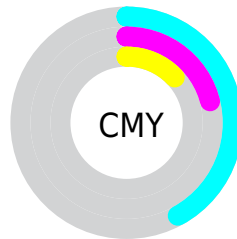


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (42%)


Magenta (21%)


Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.284, 232.278 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, 20.284, 232.278 by changing the saturation by 10% instead.


 78, 20.284,
232.278


 78, 20.284,
232.278


 100, 20.284,
232.278


 68, 20.284,
232.278


 98, 20.284,
232.278

 58, 20.284,
232.278

 48, 20.284,
232.278

 38, 20.284,
232.278

 28, 20.284,
232.278

 18, 20.284,
232.278

 8, 20.284, 232.278

0, 20.284, 232.278

78, 20.284,
232.278

78, 20.284,
232.278

75, 25.338,
233.851

81, 14.732,
231.050

72, 29.819,
235.860

84, 8.765, 230.117

70, 33.675,
238.396

87, 2.465, 229.538

90, 4.096, 48.606

67, 36.894,
241.548

94, 9.908, 51.204

65, 39.531,
245.387

95, 10.358, 72.979

97, 12.093, 90.569

63, 41.719,
249.917

98, 14.648,

■ 62, 42.992,
252.939

102.807

■ 99, 16.722,
108.913

Harmonies

Complementary

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



78, 20.284, 232.278



73, 25.180, 47.462

Rectangle

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



78, 20.284, 232.278



78, 20.284, 282.278



78, 20.284, 52.278



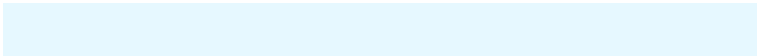
78, 20.284, 102.278

Sweetspot

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



78, 20.283, 232.274



96, 7.175, 229.842



82, 39.781, 150.206



51, 4.879, 229.942



0, 0.000, 0.000



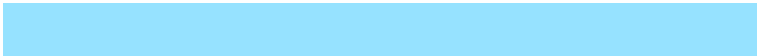
53, 0.007, 296.813

Same Dimension

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



78, 20.283, 232.274



86, 26.808, 233.424



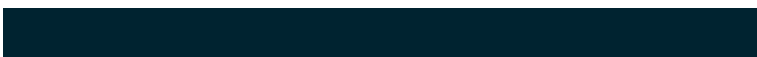
68, 31.940, 283.399



45, 3.678, 229.800



50, 35.925, 252.094



12, 13.993, 242.808

Inverse Universe

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



70, 39.752, 335.910



75, 53.637, 336.526



82, 30.978, 94.230



44, 6.703, 334.091



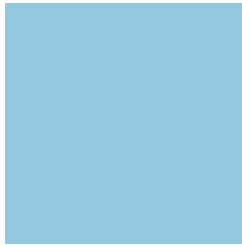
39, 70.845, 343.363



7, 29.760, 340.292

Previews

White Background



This preview shows how the CIELCh color 78, 20.284, 232.278 looks on a white background.

Color Contrast Check

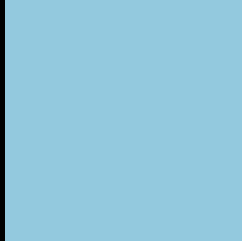
Large Text (above 18pt) WCAG AA × Fail

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, 20.284, 232.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

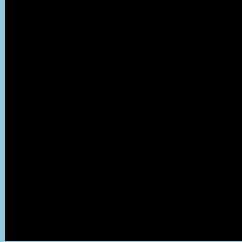
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.284, 232.278

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.284, 232.278.

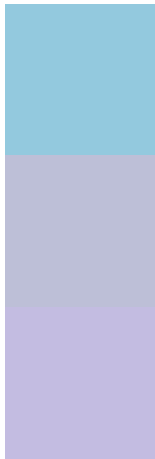


This preview shows how white text looks on a background with the CIELCh color 78, 20.284, 232.278.

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, 20.284, 232.278

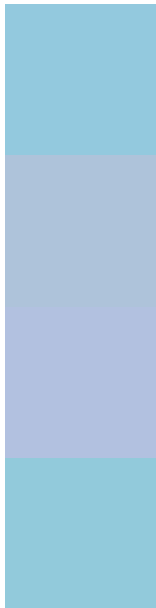
Protanopia
78, 12.875, 288.248

Deuteranopia
78, 20.052, 298.842



Tritanopia
78, 19.752, 224.129

Trichromacy



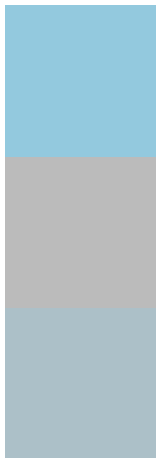
Original Color
78, 20.284, 232.278

Protanomaly
78, 14.046, 260.793

Deuteranomaly
78, 17.222, 274.643

Tritanomaly
78, 19.928, 225.628

Monochromacy



Original Color
78, 20.284, 232.278

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.169, 230.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.284, 232.278 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(147, 201, 222)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 222)  
}
```

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(147, 201, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.284, 232.278 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(147, 201, 222) }
```

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

```
.border{ border-color:rgb(147, 201, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 201, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 201, 222);  
box-shadow:4px 4px 4px 4px rgb(147, 201,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.284, 232.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 222) }
```

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

```
.background{ background-color: rgb(147,  
201, 222) }
```

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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