

Converting Colors

CIELCh(82, 22.909, 212.178)

Have a look what the booklet for
CIELCh(82, 22.909, 212.178)
contains.

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Color

CIELCh(82, 22.799, 212.886)

Conversions

Conversions Part 1

Format	Color
Hex	91D7E2
RGB	145, 215, 226
RGB Percent	57%, 84%, 89%
CMY	0.4303, 0.1557, 0.1126
CMYK	0.36, 0.05, 0.00, 0.11
HSL	188°, 59%, 73%
HSV	188°, 36%, 89%
XYZ	49.8667, 60.2982, 81.1679
YIQ	195.3240, -45.2510, -11.4190

Conversions

Conversions Part 2

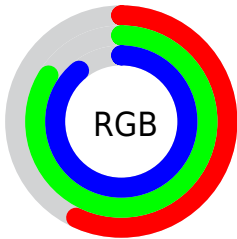
Format	Color
RYB	145, 183, 226
Decimal	9557986
CIELab	82.00, -19.15, -12.38
CIElCh	82, 22.799, 212.886
Yxy	60.2982, 0.2606, 0.3151
Android (android.graphics.Color)	4287748066 (0xFF91D7E2)
YUV	195.3240, 15.1233, -44.1341
Hunter-Lab	77.6519, -21.2613, -7.6183

Details

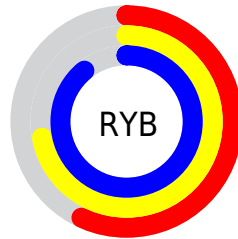
The CIELCh color **82, 22.799, 212.886** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 29.643, 33.384**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **62, 22.811, 213.462** is the 20% darker color. If you saturate the color by 10%, you get **80, 27.800, 213.414**, and if you desaturate by 10%, it is **84, 17.102, 212.556**.

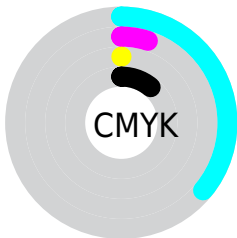
Distribution



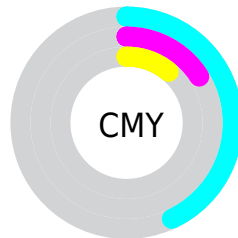
- Red (57%)
- Green (84%)
- Blue (89%)



- Red (57%)
- Yellow (72%)
- Blue (89%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)




- Cyan (43%)
- Magenta (16%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 22.799, 212.886 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 82, 22.799, 212.886 by changing the saturation by 10% instead.


 82, 22.799,
212.886


 82, 22.799,
212.886


 100, 22.799,
212.886


 72, 22.799,
212.886

 62, 22.799,
212.886

 52, 22.799,
212.886

 42, 22.799,
212.886

 32, 22.799,
212.886

 22, 22.799,
212.886

 12, 22.799,

212.886

■ 2, 22.799, 212.886

■ 0, 22.799, 212.886

■ 82, 22.799,
212.886

■ 82, 22.799,
212.886

■ 80, 27.800,
213.414

■ 84, 17.102,
212.556

■ 78, 31.997,
214.196

■ 86, 10.826,
212.401

■ 77, 35.306,
215.280

■ 89, 4.082, 212.445

■ 75, 37.685,
216.726

■ 91, 3.025, 32.144

■ 93, 9.163, 34.048

■ 74, 39.152,

218.592

94, 8.646, 45.919

73, 39.805,
220.921

95, 8.540, 58.652

73, 39.948,
221.992

96, 8.858, 71.049

96, 9.554, 82.083

Harmonies

Complementary

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



82, 22.799, 212.886



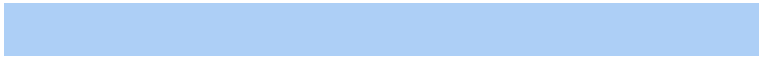
71, 29.643, 33.384

Rectangle

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



82, 22.799, 212.886



82, 22.799, 262.886



82, 22.799, 32.886



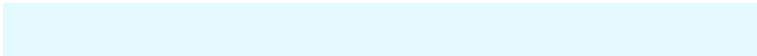
82, 22.799, 82.886

Sweetspot

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



82, 22.799, 212.883



97, 8.419, 212.387



83, 47.182, 145.534



51, 5.636, 212.386



0, 0.000, 0.000



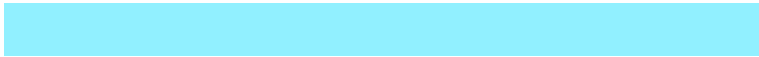
53, 0.007, 296.813

Same Dimension

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



82, 22.799, 212.883



90, 29.130, 213.259



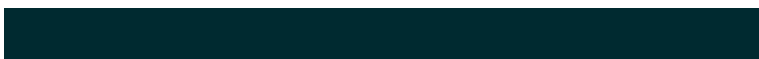
71, 29.130, 274.301



46, 3.935, 212.393



58, 33.126, 221.511



15, 13.754, 216.900

Inverse Universe

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



71, 47.140, 330.555



75, 61.834, 331.021



81, 29.819, 83.646



44, 7.426, 328.919



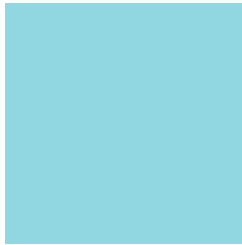
40, 78.695, 334.470



7, 32.778, 333.310

Previews

White Background



This preview shows how the CIELCh color 82, 22.799, 212.886 looks on a white background.

Color Contrast Check

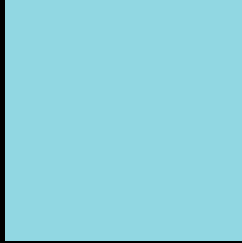
Large Text (above 18pt) WCAG AA × Fail

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 82, 22.799, 212.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

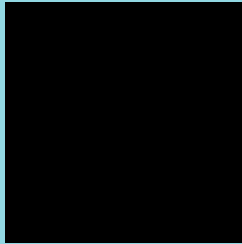
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 22.799, 212.886

Background



This preview shows how black text looks on a background with the CIELCh color 82, 22.799, 212.886.



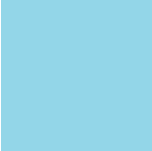
This preview shows how white text looks on a background with the CIELCh color 82, 22.799, 212.886.

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



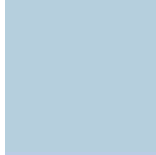


Tritanopia
82, 22.784, 223.056

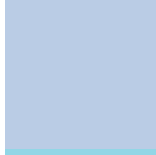
Trichromacy



Original Color
82, 22.799, 212.886



Protanomaly
82, 11.410, 239.711



Deuteranomaly
81, 14.437, 266.437

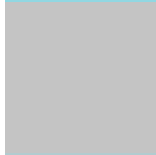


Tritanomaly
82, 22.756, 220.117

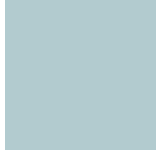
Monochromacy



Original Color
82, 22.799, 212.886



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 8.967, 212.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 22.799, 212.886 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(145, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(145, 215, 226)  
}
```

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(145, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 215, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 22.799, 212.886 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(145, 215, 226) }
```

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

```
.border{ border-color:rgb(145, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(145, 215,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 22.799, 212.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 215, 226) }
```

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

```
.background{ background-color: rgb(145,  
215, 226) }
```

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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