

Converting Colors

CIELCh(79, 22.092, 182.337)

Have a look what the booklet for
CIELCh(79, 22.092, 182.337)
contains.

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Color

CIELCh(79, 21.911, 183.613)

Conversions

Conversions Part 1

Format	Color
Hex	91CFC5
RGB	145, 207, 197
RGB Percent	57%, 81%, 77%
CMY	0.4298, 0.1866, 0.2259
CMYK	0.30, 0.00, 0.05, 0.19
HSL	170°, 39%, 69%
HSV	170°, 30%, 81%
XYZ	44.2824, 54.9284, 61.3330
YIQ	187.3220, -33.7420, -16.2540

Conversions

Conversions Part 2

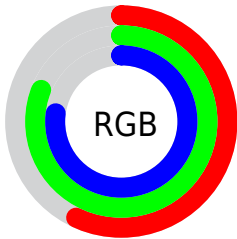
Format	Color
RYB	145, 179, 207
Decimal	9555909
CIELab	79.00, -21.87, -1.38
CIELCh	79, 21.911, 183.613
Yxy	54.9284, 0.2758, 0.3421
Android (android.graphics.Color)	4287745989 (0xFF91CFC5)
YUV	187.3220, 4.7713, -37.1164
Hunter-Lab	74.1137, -23.0465, 2.8140

Details

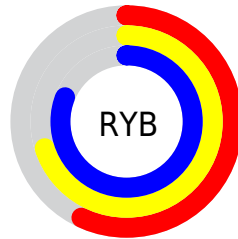
The CIELCh color **79, 21.911, 183.613** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 25.191, 9.501**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.157, 196.674**, and **59, 21.731, 183.734** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.361, 182.631**, and if you desaturate by 10%, it is **80, 14.938, 184.545**.

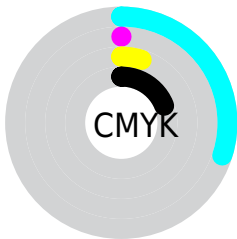
Distribution



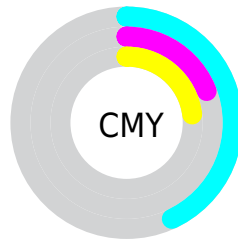
- Red (57%)
- Green (81%)
- Blue (77%)



- Red (57%)
- Yellow (70%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (43%)
- Magenta (19%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 21.911, 183.613 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 79, 21.911, 183.613 by changing the saturation by 10% instead.


 79, 21.911,
183.613

 79, 21.911,
183.613


 100, 21.911,
183.613


 69, 21.911,
183.613


 99, 21.911,
183.613

 59, 21.911,
183.613

 49, 21.911,
183.613

 39, 21.911,
183.613

 29, 21.911,
183.613

 19, 21.911,
183.613

 9, 21.911, 183.613

0, 21.911, 183.613

79, 21.911,
183.613

79, 21.911,
183.613

78, 28.361,
182.631

80, 14.938,
184.545

77, 34.158,
181.592

82, 7.567, 185.464

76, 39.184,
180.473

83, 0.082, 359.739

85, 7.905, 7.004

76, 43.355,
179.253

87, 15.816, 7.839

75, 46.629,
177.911

88, 18.314, 4.244

75, 49.030,
176.426

88, 18.791,
359.110

■ 75, 50.741,
174.820

■ 88, 19.419,
354.278

■ 75, 50.757,
174.804

■ 88, 20.183,
349.791

Harmonies

Complementary

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



79, 21.911, 183.613



67, 25.191, 9.501

Rectangle

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



79, 21.911, 183.613



79, 21.911, 233.613



79, 21.911, 3.613



79, 21.911, 53.613

Sweetspot

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



79, 21.912, 183.610



98, 8.145, 185.539



78, 38.290, 138.158



52, 5.647, 185.401



0, 0.000, 0.000



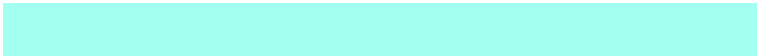
53, 0.007, 296.813

Same Dimension

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



79, 21.912, 183.610



94, 30.606, 182.977



74, 17.343, 239.108



43, 4.369, 185.510



62, 43.321, 175.066



14, 15.951, 178.655

Inverse Universe

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



67, 25.191, 9.501



77, 36.397, 10.511



71, 20.489, 53.462



41, 4.553, 7.023



35, 69.576, 31.811



4, 20.138, 11.976

Previews

White Background



This preview shows how the CIELCh color 79, 21.911, 183.613 looks on a white background.

Color Contrast Check

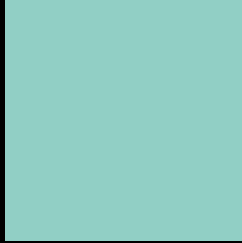
Large Text (above 18pt) WCAG AA × Fail

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 79, 21.911, 183.613 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 79, 21.911, 183.613

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.911, 183.613.

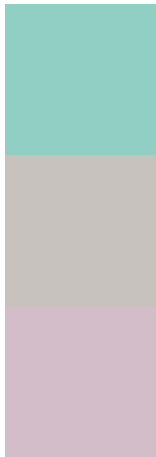


This preview shows how white text looks on a background with the CIELCh color 79, 21.911, 183.613.

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
79, 21.911, 183.613

Protanopia
79, 2.812, 68.522

Deuteranopia
79, 10.361, 342.079



Tritanopia
79, 18.961, 225.291

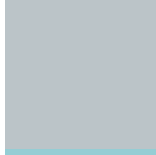
Trichromacy



Original Color
79, 21.911, 183.613



Protanomaly
79, 7.640, 174.061



Deuteranomaly
79, 3.849, 233.130

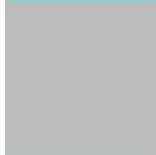


Tritanomaly
79, 18.769, 209.703

Monochromacy



Original Color
79, 21.911, 183.613



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 8.256, 183.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.911, 183.613 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, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(145, 207, 197)  
}
```

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, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 207, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.911, 183.613 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, 207, 197) }
```

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

```
.border{ border-color:rgb(145, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(145, 207,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.911, 183.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 207, 197) }
```

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

```
.background{ background-color: rgb(145,  
207, 197) }
```

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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