

Converting Colors

CIELCh(79, 20.558, 210.059)

Have a look what the booklet for
CIELCh(79, 20.558, 210.059)
contains.

CIELCh(79, 20.513, 210.134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 20.513, 210.134)

Conversions

Conversions Part 1

Format	Color
Hex	90CED6
RGB	144, 206, 214
RGB Percent	56%, 81%, 84%
CMY	0.4353, 0.1921, 0.1608
CMYK	0.33, 0.04, 0.00, 0.16
HSL	187°, 46%, 70%
HSV	187°, 33%, 84%
XYZ	45.7119, 54.9284, 71.8125
YIQ	188.3740, -39.5200, -10.6560

Conversions

Conversions Part 2

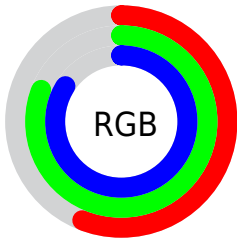
Format	Color
RYB	144, 177, 214
Decimal	9490134
CIELab	79.00, -17.74, -10.30
CIELCh	79, 20.513, 210.134
Yxy	54.9284, 0.2651, 0.3185
Android (android.graphics.Color)	4287680214 (0xFF90CED6)
YUV	188.3740, 12.6336, -38.9160
Hunter-Lab	74.1137, -19.6037, -5.5695

Details

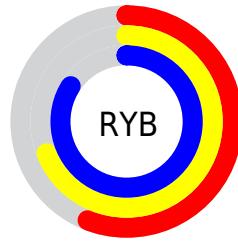
The CIELCh color **79, 20.513, 210.134** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 25.970, 31.278**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.101, 198.308**, and **59, 20.648, 208.820** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.589, 210.435**, and if you desaturate by 10%, it is **81, 14.793, 209.993**.

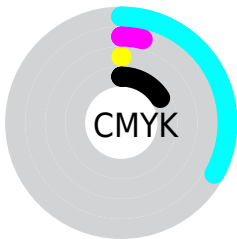
Distribution



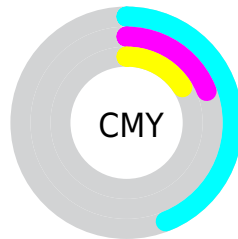
- Red (56%)
- Green (81%)
- Blue (84%)



- Red (56%)
- Yellow (69%)
- Blue (84%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (19%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 20.513, 210.134 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, 20.513, 210.134 by changing the saturation by 10% instead.


 79, 20.513,
210.134


 79, 20.513,
210.134


 100, 20.513,
210.134


 69, 20.513,
210.134


 99, 20.513,
210.134


 59, 20.513,
210.134

 49, 20.513,
210.134

 39, 20.513,
210.134

 29, 20.513,
210.134

 19, 20.513,
210.134

 9, 20.513, 210.134

■ 0, 20.513, 210.134

■ 79, 20.513,
210.134

■ 79, 20.513,
210.134

■ 77, 25.589,
210.435

■ 81, 14.793,
209.993

■ 76, 29.912,
210.940

■ 83, 8.542, 210.003

■ 74, 33.392,
211.689

■ 85, 1.868, 210.331

■ 87, 5.132, 30.068

■ 73, 35.972,
212.726

■ 90, 12.372, 30.358

■ 72, 37.644,
214.099

■ 91, 13.251, 35.240

■ 91, 12.787, 41.625

■ 71, 38.473,
215.848

■ 92, 12.495, 48.394

■ 71, 38.700,
217.326

■ 92, 12.388, 55.376

Harmonies

Complementary

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



79, 20.513, 210.134



69, 25.970, 31.278

Rectangle

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



79, 20.513, 210.134



79, 20.513, 260.134



79, 20.513, 30.134



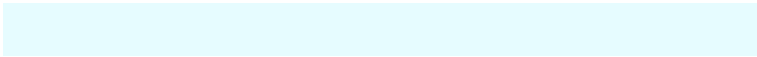
79, 20.513, 80.134

Sweetspot

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



79, 20.513, 210.130



97, 7.805, 210.033



80, 42.259, 144.851



52, 5.304, 210.015



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, 20.513, 210.130



91, 27.374, 210.313



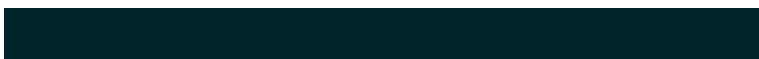
70, 24.381, 270.738



44, 3.852, 210.044



57, 32.755, 216.962



13, 13.039, 212.770

Inverse Universe

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



69, 41.873, 329.639



77, 57.219, 330.039



77, 25.307, 81.120



42, 7.255, 328.232



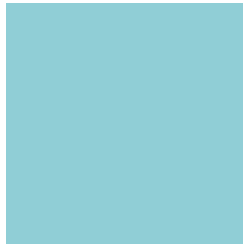
39, 78.311, 333.341



6, 30.310, 332.136

Previews

White Background



This preview shows how the CIELCh color 79, 20.513, 210.134 looks on a white background.

Color Contrast Check

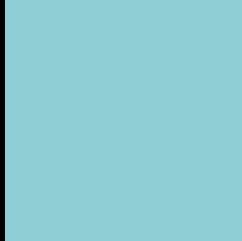
Large Text (above 18pt) WCAG AA × Fail

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 79, 20.513, 210.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

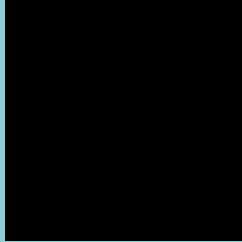
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 20.513, 210.134

Background



This preview shows how black text looks on a background with the CIELCh color 79, 20.513, 210.134.

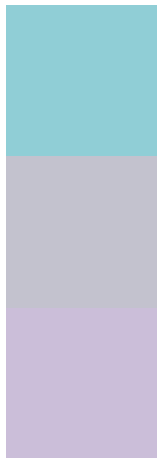


This preview shows how white text looks on a background with the CIELCh color 79, 20.513, 210.134.

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](#).

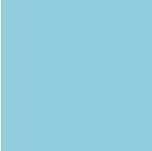
Dichromacy



Original Color
79, 20.513, 210.134

Protanopia
79, 6.436, 293.960

Deuteranopia
79, 15.233, 308.987



Tritanopia
79, 20.508, 223.000

Trichromacy



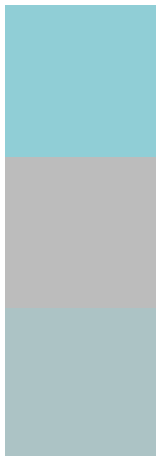
Original Color
79, 20.513, 210.134

Protanomaly
79, 9.525, 237.257

Deuteranomaly
79, 11.619, 266.576

Tritanomaly
79, 20.362, 218.219

Monochromacy



Original Color
79, 20.513, 210.134

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 8.214, 206.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 20.513, 210.134 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(144, 206, 214)` looks like.

```
.text, #text, p{  
    color:rgb(144, 206, 214)  
}
```

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(144, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 206, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 20.513, 210.134 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(144, 206, 214) }
```

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

```
.border{ border-color:rgb(144, 206, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(144, 206,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 20.513, 210.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 206, 214) }
```

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

```
.background{ background-color: rgb(144,  
206, 214) }
```

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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