

Converting Colors

CIELCh(79, 41.883, 219.203)

Have a look what the booklet for
CIELCh(79, 41.883, 219.203)
contains.

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Color

CIELCh(79, 41.898, 219.728)

Conversions

Conversions Part 1

Format	Color
Hex	18D6F4
RGB	24, 214, 244
RGB Percent	9%, 84%, 96%
CMY	0.9067, 0.1600, 0.0423
CMYK	0.90, 0.12, 0.00, 0.04
HSL	188°, 91%, 53%
HSV	188°, 90%, 96%
XYZ	40.8272, 54.9284, 94.1992
YIQ	160.6100, -122.8700, -30.9500

Conversions

Conversions Part 2

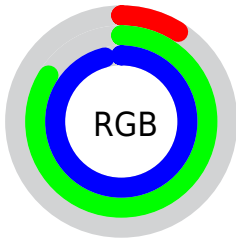
Format	Color
R _Y B	24, 126, 244
Decimal	1627892
CIE Lab	79.00, -32.22, -26.78
CIE LCh	79, 41.898, 219.728
Yxy	54.9284, 0.2149, 0.2892
Android (android.graphics.Color)	4279817972 (0xFF18D6F4)
YUV	160.6100, 41.1113, -119.8070
Hunter-Lab	74.1137, -31.3683, -23.4785

Details

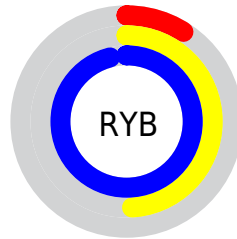
The CIELCh color **79, 41.898, 219.728** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **54, 91.751, 40.809**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.875, 197.039**, and **60, 34.640, 225.621** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.300, 222.190**, and if you desaturate by 10%, it is **80, 40.773, 217.626**.

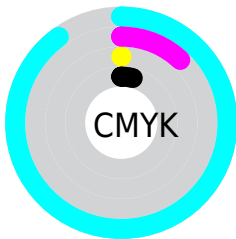
Distribution



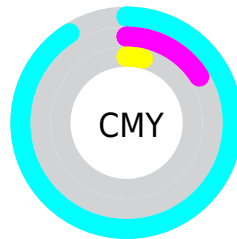
- Red (9%)
- Green (84%)
- Blue (96%)



- Red (9%)
- Yellow (49%)
- Blue (96%)



- Cyan (90%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)





- Cyan (91%)
- Magenta (16%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 41.898, 219.728 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, 41.898, 219.728 by changing the saturation by 10% instead.


 79, 41.898,
219.728

 79, 41.898,
219.728

 100, 41.898,
219.728


 69, 41.898,
219.728

 99, 41.898,
219.728

 59, 41.898,
219.728

 49, 41.898,
219.728

 39, 41.898,
219.728

 29, 41.898,
219.728

 19, 41.898,
219.728

 9, 41.898, 219.728

0, 41.898, 219.728

79, 41.898,
219.728

79, 41.898,
219.728

78, 42.300,
222.190

80, 40.773,
217.626

82, 38.714,
215.974

83, 35.661,
214.716

85, 31.632,
213.791

87, 26.699,
213.144

89, 20.967,
212.723

■ 91, 14.559,
212.489

■ 94, 7.598, 212.425

■ 96, 0.200, 215.570

Harmonies

Complementary

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



79, 41.898, 219.728



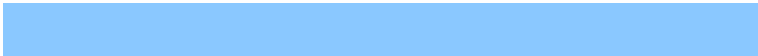
54, 91.751, 40.809

Rectangle

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



79, 41.898, 219.728



79, 41.898, 269.728



79, 41.898, 39.728



79, 41.898, 89.728

Sweetspot

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



79, 41.897, 219.727



93, 19.617, 212.630



85, 108.218, 138.289



49, 13.044, 212.730



0, 0.000, 0.000



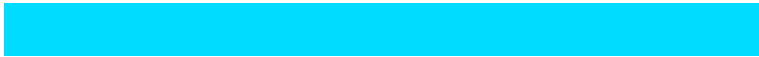
53, 0.007, 296.813

Same Dimension

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



79, 41.897, 219.727



81, 43.705, 222.258



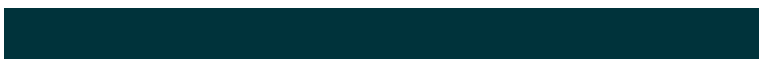
48, 81.679, 291.648



50, 4.225, 212.429



61, 34.530, 221.698



19, 15.478, 217.911

Inverse Universe

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



57, 99.280, 333.974



58, 103.669, 334.657



73, 76.702, 74.508



48, 7.975, 328.935



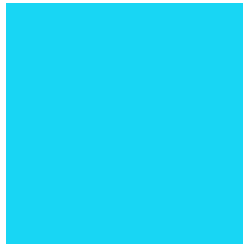
43, 82.002, 334.516



10, 36.972, 333.575

Previews

White Background



This preview shows how the CIE LCh color 79, 41.898, 219.728 looks on a white background.

Color Contrast Check

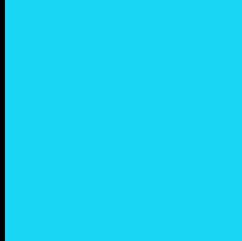
Large Text (above 18pt) WCAG AA × Fail

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, 41.898, 219.728 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, 41.898, 219.728

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.898, 219.728.

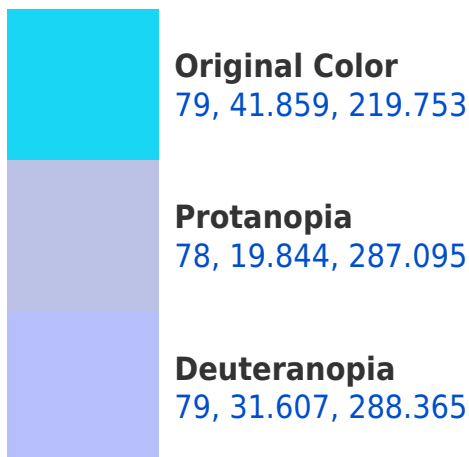


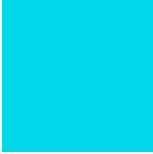
This preview shows how white text looks on a background with the CIELCh color 79, 41.898, 219.728.

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
79, 42.656, 209.114

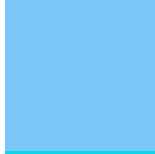
Trichromacy



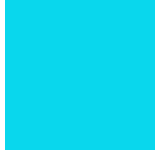
Original Color
79, 41.859, 219.753



Protanomaly
77, 27.790, 241.161



Deuteranomaly
77, 32.801, 252.306

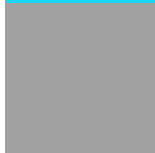


Tritanomaly
79, 42.213, 213.145

Monochromacy



Original Color
79, 41.859, 219.753



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 22.619, 213.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.898, 219.728 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(24, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(24, 214, 244)  
}
```

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(24, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 214, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.898, 219.728 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(24, 214, 244) }
```

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

```
.border{ border-color:rgb(24, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(24, 214,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.898, 219.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 214, 244) }
```

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

```
.background{ background-color: rgb(24, 214,  
244) }
```

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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