

Converting Colors

CIELCh(79, 43.541, 228.176)

Have a look what the booklet for
CIELCh(79, 43.541, 228.176)
contains.

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Color

CIELCh(79, 43.545, 228.563)

Conversions

Conversions Part 1

Format	Color
Hex	01D5FF
RGB	1, 213, 255
RGB Percent	0%, 84%, 100%
CMY	0.9943, 0.1639, 0.0000
CMYK	0.99, 0.16, 0.00, 0.00
HSL	190°, 100%, 50%
HSV	190°, 99%, 100%
XYZ	41.9427, 54.9284, 103.1685
YIQ	154.4000, -139.8340, -31.8820

Conversions

Conversions Part 2

Format	Color
R _Y B	1, 117, 255
Decimal	120319
CIE Lab	79.00, -28.82, -32.64
CIE LCh	79, 43.545, 228.563
Yxy	54.9284, 0.2097, 0.2746
Android (android.graphics.Color)	4278310399 (0xFF01D5FF)
YUV	154.4000, 49.5958, -134.5318
Hunter-Lab	74.1137, -28.6815, -30.6539

Details

The CIELCh color **79, 43.545, 228.563** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **55, 100.812, 42.086**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **60, 36.372, 236.215** is the 20% darker color. If you saturate the color by 10%, you get **79, 43.546, 228.599**, and if you desaturate by 10%, it is **80, 42.887, 225.267**.

Distribution



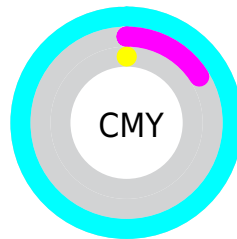
- Red (0%)
- Green (84%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



- Cyan (99%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 43.545, 228.563 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, 43.545, 228.563 by changing the saturation by 10% instead.


 79, 43.545,
228.563

 79, 43.545,
228.563


 100, 43.545,
228.563


 69, 43.545,
228.563


 99, 43.545,
228.563

 59, 43.545,
228.563

 49, 43.545,
228.563

 39, 43.545,
228.563

 29, 43.545,
228.563

 19, 43.545,
228.563

 9, 43.545, 228.563

■ 0, 43.545, 228.563

■ 79, 43.545,
228.563

■ 79, 43.545,
228.563

■ 79, 43.546,
228.599

■ 80, 42.887,
225.267

■ 82, 41.543,
222.656

■ 84, 39.277,
220.583

■ 85, 36.026,
218.982

■ 87, 31.805,
217.777

■ 90, 26.690,
216.899

■ 92, 20.786,
216.286

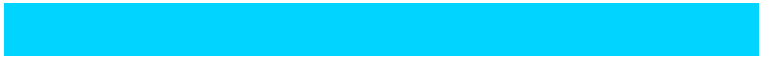
■ 95, 14.217,
215.890

■ 97, 7.105, 215.690

Harmonies

Complementary

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



79, 43.545, 228.563



55, 100.812, 42.086

Rectangle

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



79, 43.545, 228.563



79, 43.545, 278.563



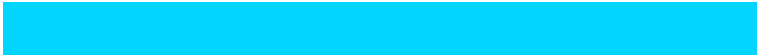
79, 43.545, 48.563



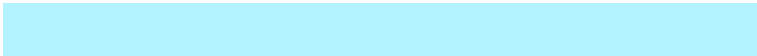
79, 43.545, 98.563

Sweetspot

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



79, 43.516, 228.414



92, 21.140, 216.315



88, 115.719, 137.415



48, 14.177, 216.550



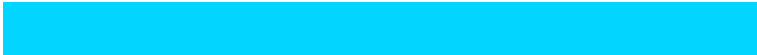
0, 0.000, 0.000



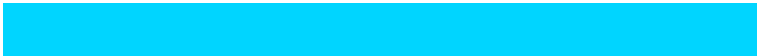
53, 0.007, 296.813

Same Dimension

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



79, 43.516, 228.414



79, 43.546, 228.599



45, 96.637, 296.195



52, 4.281, 215.690



61, 35.069, 227.972



20, 16.166, 223.668

Inverse Universe

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



58, 101.337, 336.228



58, 101.363, 336.278



75, 82.343, 73.568



50, 8.081, 329.884



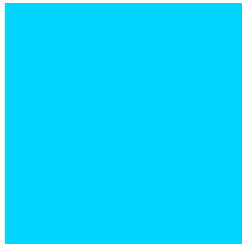
44, 81.821, 336.115



12, 38.219, 335.012

Previews

White Background



This preview shows how the CIE LCh color 79, 43.545, 228.563 looks on a white background.

Color Contrast Check

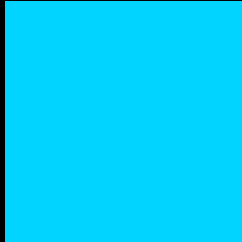
Large Text (above 18pt) WCAG AA × Fail

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, 43.545, 228.563 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, 43.545, 228.563

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.545, 228.563.

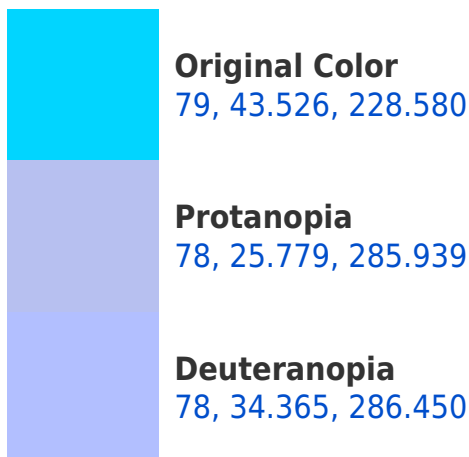


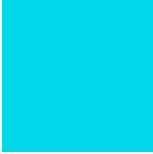
This preview shows how white text looks on a background with the CIELCh color 79, 43.545, 228.563.

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

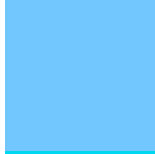
Trichromacy



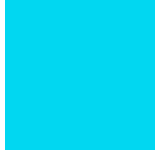
Original Color
79, 43.526, 228.580



Protanomaly
77, 32.683, 246.396



Deuteranomaly
77, 36.810, 253.803

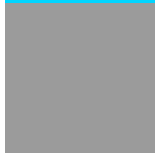


Tritanomaly
79, 42.452, 216.171

Monochromacy



Original Color
79, 43.526, 228.580



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 24.812, 217.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.545, 228.563 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(1, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(1, 213, 255)  
}
```

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(1, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 213, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.545, 228.563 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(1, 213, 255) }
```

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

```
.border{ border-color:rgb(1, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(1, 213,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.545, 228.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 213, 255) }
```

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

```
.background{ background-color: rgb(1, 213,  
255) }
```

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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