

Converting Colors

CIELCh(79, 43.551, 228.941)

Have a look what the booklet for
CIELCh(79, 43.551, 228.941)
contains.

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Color

CIELCh(79, 43.469, 228.629)

Conversions

Conversions Part 1

Format	Color
Hex	05D5FF
RGB	5, 213, 255
RGB Percent	2%, 84%, 100%
CMY	0.9797, 0.1641, 0.0000
CMYK	0.98, 0.16, 0.00, 0.00
HSL	190°, 100%, 51%
HSV	190°, 98%, 100%
XYZ	41.9718, 54.9284, 103.1309
YIQ	155.5960, -137.4500, -31.0340

Conversions

Conversions Part 2

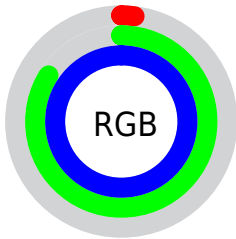
Format	Color
R _Y B	5, 119, 255
Decimal	382463
CIE Lab	79.00, -28.73, -32.62
CIE LCh	79, 43.469, 228.629
Yxy	54.9284, 0.2098, 0.2746
Android (android.graphics.Color)	4278572543 (0xFF05D5FF)
YUV	155.5960, 49.0062, -132.0727
Hunter-Lab	74.1137, -28.6115, -30.6238

Details

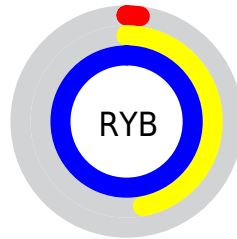
The CIELCh color **79, 43.469, 228.629** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **55, 99.735, 42.098**, and the grayscale version is **64, 0.008, 296.813**.

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, 43.556, 229.183**, and if you desaturate by 10%, it is **80, 42.727, 225.369**.

Distribution



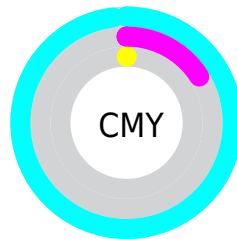
- Red (2%)
- Green (84%)
- Blue (100%)



- Red (2%)
- Yellow (47%)
- Blue (100%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (98%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 43.469, 228.629 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, 43.469, 228.629 by changing the saturation by 10% instead.


 79, 43.469,
228.629


 79, 43.469,
228.629


 100, 43.469,
228.629


 69, 43.469,
228.629


 99, 43.469,
228.629

 59, 43.469,
228.629

 49, 43.469,
228.629

 39, 43.469,
228.629

 29, 43.469,
228.629

 19, 43.469,
228.629

 9, 43.469, 228.629

■ 0, 43.469, 228.629

■ 79, 43.469,
228.629

■ 79, 43.469,
228.629

■ 79, 43.556,
229.183

■ 80, 42.727,
225.369

■ 82, 41.243,
222.792

■ 84, 38.826,
220.754

■ 86, 35.427,
219.182

■ 88, 31.071,
218.003

■ 90, 25.837,
217.145

■ 92, 19.835,
216.548

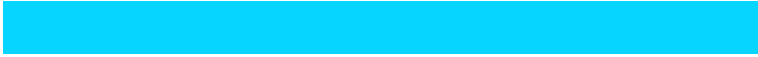
■ 95, 13.189,
216.164

■ 98, 6.019, 215.984

Harmonies

Complementary

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



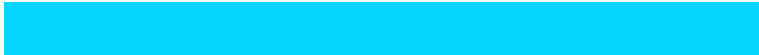
79, 43.469, 228.629



55, 99.735, 42.098

Rectangle

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



79, 43.469, 228.629



79, 43.469, 278.629



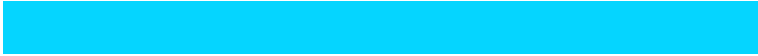
79, 43.469, 48.629



79, 43.469, 98.629

Sweetspot

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



79, 43.446, 228.512



92, 20.482, 216.598



88, 114.295, 137.865



48, 13.817, 216.834



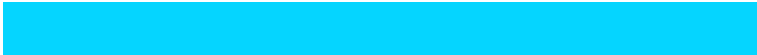
0, 0.000, 0.000



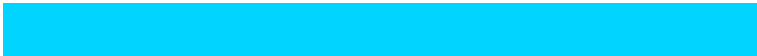
53, 0.007, 296.813

Same Dimension

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



79, 43.446, 228.512



79, 43.556, 229.183



45, 97.705, 296.643



52, 4.274, 215.994



60, 35.073, 228.546



20, 16.158, 224.166

Inverse Universe

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



58, 101.070, 336.248



58, 101.157, 336.431



76, 82.003, 75.545



50, 8.066, 329.973



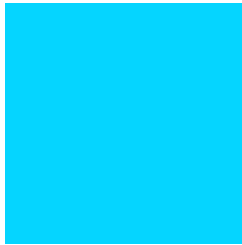
44, 81.657, 336.264



12, 38.151, 335.138

Previews

White Background



This preview shows how the CIE LCh color 79, 43.469, 228.629 looks on a white background.

Color Contrast Check

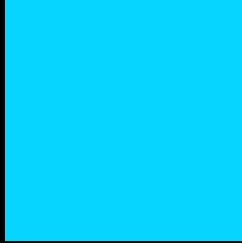
Large Text (above 18pt) WCAG AA × Fail

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, 43.469, 228.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

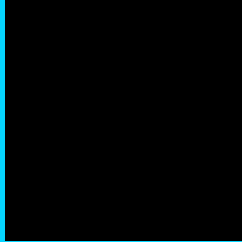
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.469, 228.629

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.469, 228.629.

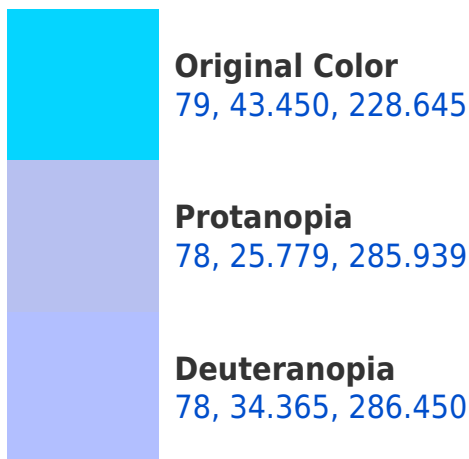


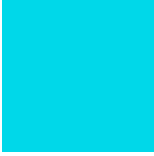
This preview shows how white text looks on a background with the CIELCh color 79, 43.469, 228.629.

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

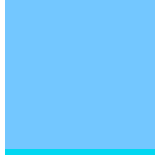
Trichromacy



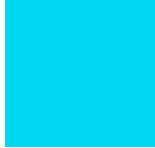
Original Color
79, 43.450, 228.645



Protanomaly
77, 32.536, 246.691



Deuteranomaly
77, 36.691, 254.075

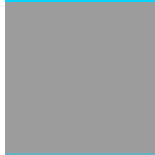


Tritanomaly
79, 42.430, 216.183

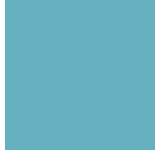
Monochromacy



Original Color
79, 43.450, 228.645



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 24.591, 217.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.469, 228.629 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(5, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(5, 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(5, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 213, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.469, 228.629 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(5, 213, 255) }
```

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

```
.border{ border-color:rgb(5, 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(5, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(5, 213,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.469, 228.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 213, 255) }
```

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

```
.background{ background-color: rgb(5, 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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