

Converting Colors

CIELCh(79, 42.598, 219.429)

Have a look what the booklet for
CIELCh(79, 42.598, 219.429)
contains.

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Color

CIELCh(79, 42.642, 219.252)

Conversions

Conversions Part 1

Format	Color
Hex	00D7F5
RGB	0, 215, 245
RGB Percent	0%, 84%, 96%
CMY	1.0000, 0.1585, 0.0409
CMYK	1.00, 0.12, 0.00, 0.04
HSL	187°, 100%, 48%
HSV	187°, 100%, 96%
XYZ	40.5688, 54.9284, 94.4992
YIQ	154.1350, -137.7700, -36.2500

Conversions

Conversions Part 2

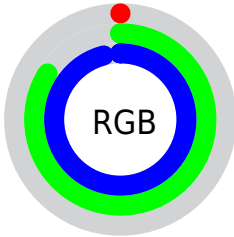
Format	Color
RYB	0, 115, 245
Decimal	55285
CIELab	79.00, -33.02, -26.98
CIELCh	79, 42.642, 219.252
Yxy	54.9284, 0.2135, 0.2891
Android (android.graphics.Color)	4278245365 (0xFF00D7F5)
YUV	154.1350, 44.7964, -135.1764
Hunter-Lab	74.1137, -31.9906, -23.7186

Details

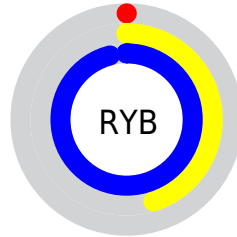
The CIELCh color **79, 42.642, 219.252** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **52, 99.251, 41.299**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.632, 196.994**, and **61, 34.780, 225.456** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.580, 219.288**, and if you desaturate by 10%, it is **80, 42.212, 217.059**.

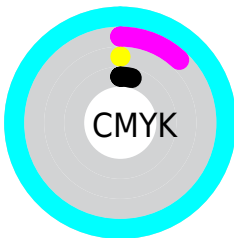
Distribution



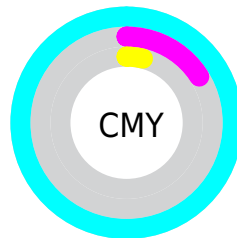
- Red (0%)
- Green (84%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)





- Cyan (100%)
- Magenta (16%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.642, 219.252 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, 42.642, 219.252 by changing the saturation by 10% instead.


 79, 42.642,
219.252

 79, 42.642,
219.252


 100, 42.642,
219.252


 69, 42.642,
219.252


 99, 42.642,
219.252

 59, 42.642,
219.252

 49, 42.642,
219.252

 39, 42.642,
219.252

 29, 42.642,
219.252

 19, 42.642,
219.252

 9, 42.642, 219.252

■ 0, 42.642, 219.252

■ 79, 42.642,
219.252

■ 79, 42.642,
219.252

■ 79, 42.580,
219.288

■ 80, 42.212,
217.059

■ 81, 41.095,
215.222

■ 82, 39.019,
213.787

■ 84, 35.930,
212.707

■ 86, 31.849,
211.928

■ 87, 26.850,
211.401

■ 89, 21.041,
211.080

■ 92, 14.548,
210.931

■ 94, 7.495, 210.941

Harmonies

Complementary

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



79, 42.642, 219.252



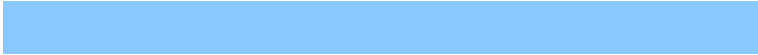
52, 99.251, 41.299

Rectangle

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



79, 42.642, 219.252



79, 42.642, 269.252



79, 42.642, 39.252



79, 42.642, 89.252

Sweetspot

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



79, 42.580, 219.288



93, 21.761, 211.082



85, 113.518, 136.923



49, 14.587, 211.195



0, 0.000, 0.000



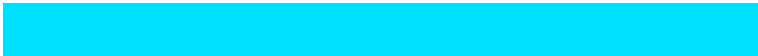
53, 0.007, 296.813

Same Dimension

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



79, 42.580, 219.288



82, 43.944, 219.347



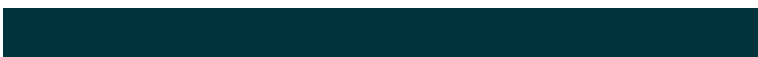
45, 88.839, 294.259



50, 4.269, 210.947



62, 34.730, 218.851



19, 15.592, 215.503

Inverse Universe

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



56, 101.537, 333.916



59, 104.780, 333.931



70, 80.117, 70.315



48, 8.050, 328.504



43, 82.865, 333.808



10, 37.311, 332.983

Previews

White Background



This preview shows how the CIE LCh color 79, 42.642, 219.252 looks on a white background.

Color Contrast Check

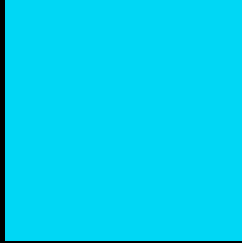
Large Text (above 18pt) WCAG AA × Fail

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, 42.642, 219.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

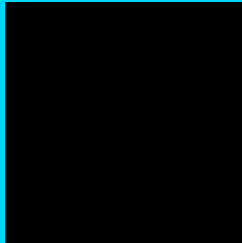
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.642, 219.252

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.642, 219.252.

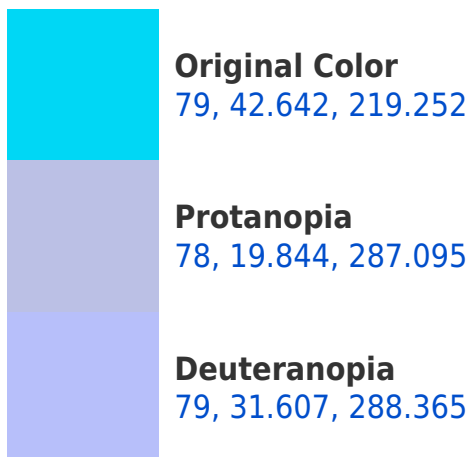


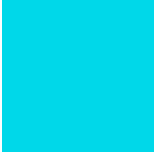
This preview shows how white text looks on a background with the CIELCh color 79, 42.642, 219.252.

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



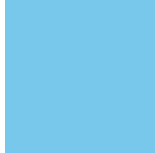


Tritanopia
79, 42.656, 209.114

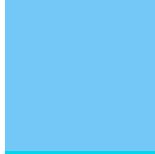
Trichromacy



Original Color
79, 42.642, 219.252



Protanomaly
77, 29.394, 238.236



Deuteranomaly
77, 33.821, 248.430

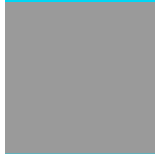


Tritanomaly
79, 42.418, 213.052

Monochromacy



Original Color
79, 42.642, 219.252



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 24.795, 211.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.642, 219.252 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(0, 215, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 245)  
}
```

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(0, 215, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.642, 219.252 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(0, 215, 245) }
```

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

```
.border{ border-color:rgb(0, 215, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 215, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.642, 219.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 245) }
```

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

```
.background{ background-color: rgb(0, 215,  
245) }
```

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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