

Converting Colors

CIELCh(79, 42.540, 222.490)

Have a look what the booklet for
CIELCh(79, 42.540, 222.490)
contains.

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Color

CIELCh(79, 42.556, 222.586)

Conversions

Conversions Part 1

Format	Color
Hex	0BD6F8
RGB	11, 214, 248
RGB Percent	4%, 84%, 97%
CMY	0.9572, 0.1609, 0.0275
CMYK	0.96, 0.14, 0.00, 0.03
HSL	189°, 94%, 51%
HSV	189°, 96%, 97%
XYZ	41.1171, 54.9284, 97.2244
YIQ	157.1790, -131.9020, -32.4620

Conversions

Conversions Part 2

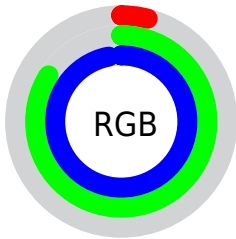
Format	Color
RYB	11, 120, 248
Decimal	775928
CIELab	79.00, -31.33, -28.80
CIELCh	79, 42.556, 222.586
Yxy	54.9284, 0.2127, 0.2842
Android (android.graphics.Color)	4278966008 (0xFF0BD6F8)
YUV	157.1790, 44.7748, -128.1990
Hunter-Lab	74.1137, -30.6701, -25.8987

Details

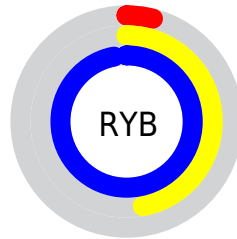
The CIELCh color **79, 42.556, 222.586** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **54, 96.846, 41.428**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **60, 35.190, 229.516** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.708, 223.807**, and if you desaturate by 10%, it is **80, 41.839, 220.074**.

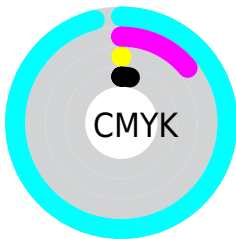
Distribution



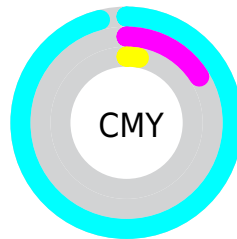
- Red (4%)
- Green (84%)
- Blue (97%)



- Red (4%)
- Yellow (47%)
- Blue (97%)



- Cyan (96%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)





- Cyan (96%)
- Magenta (16%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.556, 222.586 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, 42.556, 222.586 by changing the saturation by 10% instead.

 79, 42.556,
222.586

 79, 42.556,
222.586

 100, 42.556,
222.586

 69, 42.556,
222.586


 99, 42.556,
222.586

 59, 42.556,
222.586

 49, 42.556,
222.586

 39, 42.556,
222.586

 29, 42.556,
222.586

 19, 42.556,
222.586

 9, 42.556, 222.586

■ 0, 42.556, 222.586

■ 79, 42.556,
222.586

■ 79, 42.556,
222.586

■ 79, 42.708,
223.807

■ 80, 41.839,
220.074

■ 82, 40.261,
218.057

■ 83, 37.709,
216.488

■ 85, 34.159,
215.306

■ 87, 29.658,
214.446

■ 89, 24.294,
213.851

■ 91, 18.185,
213.472

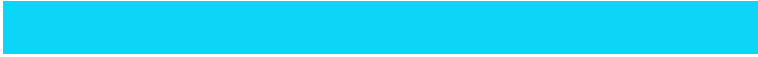
■ 94, 11.455,
213.275

■ 96, 4.225, 213.287

Harmonies

Complementary

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



79, 42.556, 222.586



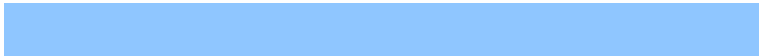
54, 96.846, 41.428

Rectangle

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



79, 42.556, 222.586



79, 42.556, 272.586



79, 42.556, 42.586



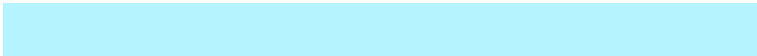
79, 42.556, 92.586

Sweetspot

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



79, 42.555, 222.586



93, 20.801, 213.581



86, 112.311, 137.599



48, 14.028, 213.747



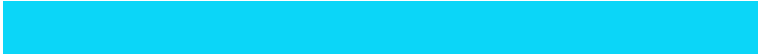
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 42.555, 222.586



81, 43.619, 223.853



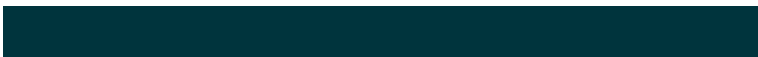
46, 88.049, 293.732



51, 4.274, 213.244



61, 34.804, 223.288



19, 15.851, 219.445

Inverse Universe

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



57, 100.662, 334.722



58, 103.075, 335.059



73, 79.577, 73.092



49, 8.069, 329.173



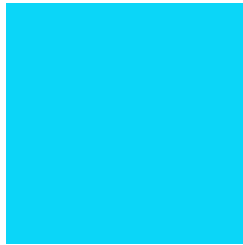
43, 82.362, 334.916



11, 37.790, 333.955

Previews

White Background



This preview shows how the CIE LCh color 79, 42.556, 222.586 looks on a white background.

Color Contrast Check

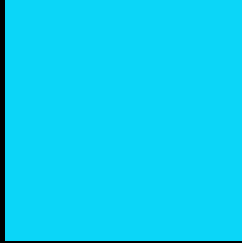
Large Text (above 18pt) WCAG AA × Fail

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, 42.556, 222.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

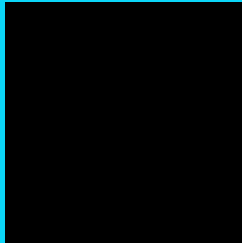
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.556, 222.586

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.556, 222.586.

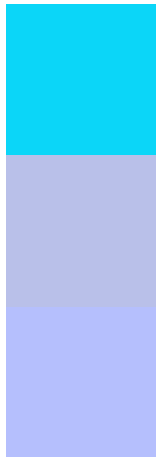


This preview shows how white text looks on a background with the CIELCh color 79, 42.556, 222.586.

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, 42.556, 222.586

Protanopia

78, 22.017, 286.080

Deuteranopia

79, 33.235, 287.688

Trichromacy



Original Color
79, 42.556, 222.586



Protanomaly
77, 29.720, 241.965

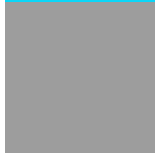


Deuteranomaly
77, 34.707, 252.545

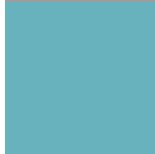
Monochromacy



Original Color
79, 42.556, 222.586



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 23.905, 213.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.556, 222.586 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(11, 214, 248)` looks like.

```
.text, #text, p{  
    color:rgb(11, 214, 248)  
}
```

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(11, 214, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 214, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.556, 222.586 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(11, 214, 248) }
```

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

```
.border{ border-color:rgb(11, 214, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 214, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 214, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 214, 248);  
box-shadow:4px 4px 4px 4px rgb(11, 214,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.556, 222.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 214, 248) }
```

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

```
.background{ background-color: rgb(11, 214,  
248) }
```

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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