

Converting Colors

CIELCh(79, 37.614, 219.770)

Have a look what the booklet for
CIELCh(79, 37.614, 219.770)
contains.

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Color

CIELCh(79, 37.495, 220.088)

Conversions

Conversions Part 1

Format	Color
Hex	49D4EF
RGB	73, 212, 239
RGB Percent	29%, 83%, 94%
CMY	0.7155, 0.1671, 0.0612
CMYK	0.70, 0.11, 0.00, 0.06
HSL	190°, 84%, 61%
HSV	190°, 70%, 94%
XYZ	41.9864, 54.9284, 90.3478
YIQ	173.5170, -91.5110, -21.0710

Conversions

Conversions Part 2

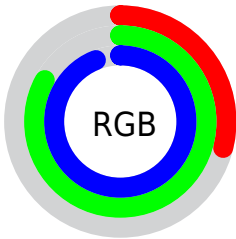
Format	Color
R _Y B	73, 149, 239
Decimal	4838639
CIE Lab	79.00, -28.69, -24.15
CIE LCh	79, 37.495, 220.088
Yxy	54.9284, 0.2242, 0.2933
Android (android.graphics.Color)	4283028719 (0xFF49D4EF)
YUV	173.5170, 32.2831, -88.1534
Hunter-Lab	74.1137, -28.5763, -20.3975

Details

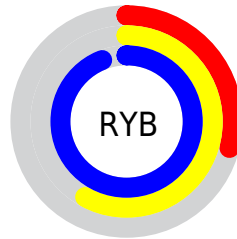
The CIELCh color **79, 37.495, 220.088** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **60, 67.229, 38.918**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.015, 197.328**, and **59, 34.034, 222.936** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.636, 222.107**, and if you desaturate by 10%, it is **81, 34.414, 218.528**.

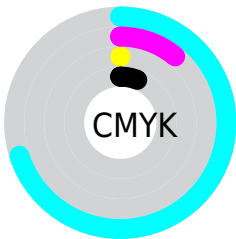
Distribution



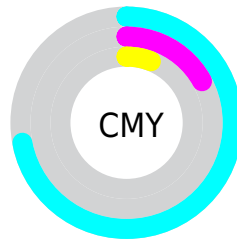
- Red (29%)
- Green (83%)
- Blue (94%)



- Red (29%)
- Yellow (58%)
- Blue (94%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (72%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.495, 220.088 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, 37.495, 220.088 by changing the saturation by 10% instead.

 79, 37.495,
220.088

 79, 37.495,
220.088


 100, 37.495,
220.088


 69, 37.495,
220.088


 99, 37.495,
220.088

 59, 37.495,
220.088

 49, 37.495,
220.088

 39, 37.495,
220.088

 29, 37.495,
220.088

 19, 37.495,
220.088

 9, 37.495, 220.088

■ 0, 37.495, 220.088

■ 79, 37.495,
220.088

■ 79, 37.495,
220.088

■ 77, 39.636,
222.107

■ 81, 34.414,
218.528

■ 76, 40.899,
224.653

■ 83, 30.411,
217.356

■ 75, 41.490,
227.712

■ 85, 25.556,
216.504

■ 75, 41.505,
227.807

■ 87, 19.950,
215.912

■ 89, 13.709,
215.531

■ 92, 6.949, 215.343

■ 95, 0.220, 32.278

■ 97, 4.612, 45.677

■ 98, 4.846, 74.979

Harmonies

Complementary

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



79, 37.495, 220.088



60, 67.229, 38.918

Rectangle

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



79, 37.495, 220.088



79, 37.495, 270.088



79, 37.495, 40.088



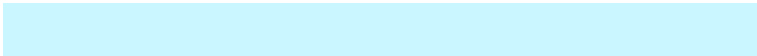
79, 37.495, 90.088

Sweetspot

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



79, 37.494, 220.087



94, 15.314, 215.572



84, 89.241, 141.722



50, 10.268, 215.666



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, 37.494, 220.087



81, 42.293, 223.207



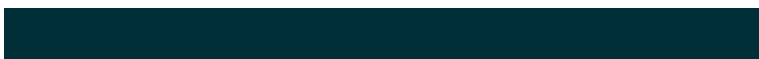
56, 62.388, 285.158



49, 4.078, 215.342



59, 34.019, 227.214



17, 14.905, 222.364

Inverse Universe

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



60, 85.816, 333.738



60, 98.872, 334.789



77, 62.142, 80.028



47, 7.697, 329.779



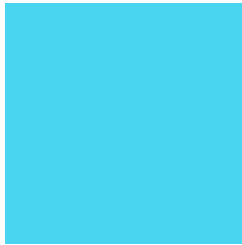
42, 79.583, 335.918



9, 35.346, 334.683

Previews

White Background



This preview shows how the CIE LCh color 79, 37.495, 220.088 looks on a white background.

Color Contrast Check

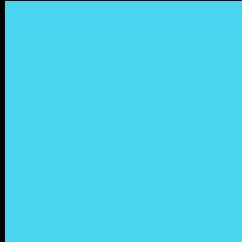
Large Text (above 18pt) WCAG AA × Fail

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, 37.495, 220.088 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, 37.495, 220.088

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.495, 220.088.



This preview shows how white text looks on a background with the CIELCh color 79, 37.495, 220.088.

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, 38.081, 210.919

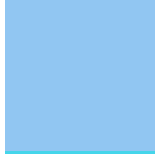
Trichromacy



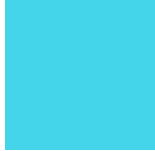
Original Color
79, 37.372, 220.175



Protanomaly
78, 23.329, 246.265



Deuteranomaly
78, 27.902, 256.990

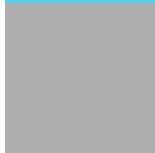


Tritanomaly
79, 37.709, 214.567

Monochromacy



Original Color
79, 37.372, 220.175



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 17.664, 216.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.495, 220.088 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(73, 212, 239)` looks like.

```
.text, #text, p{  
    color:rgb(73, 212, 239)  
}
```

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(73, 212, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 212, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.495, 220.088 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(73, 212, 239) }
```

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

```
.border{ border-color:rgb(73, 212, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 212, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 212, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 212, 239);  
box-shadow:4px 4px 4px 4px rgb(73, 212,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.495, 220.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 212, 239) }
```

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

```
.background{ background-color: rgb(73, 212,  
239) }
```

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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