

Converting Colors

CIELCh(79, 41.957, 213.110)

Have a look what the booklet for
CIELCh(79, 41.957, 213.110)
contains.

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Color

CIELCh(79, 41.931, 213.275)

Conversions

Conversions Part 1

Format	Color
Hex	14D7ED
RGB	20, 215, 237
RGB Percent	8%, 84%, 93%
CMY	0.9233, 0.1564, 0.0701
CMYK	0.92, 0.09, 0.00, 0.07
HSL	186°, 86%, 50%
HSV	186°, 92%, 93%
XYZ	39.9143, 54.9284, 88.7142
YIQ	159.2030, -123.2820, -34.4980

Conversions

Conversions Part 2

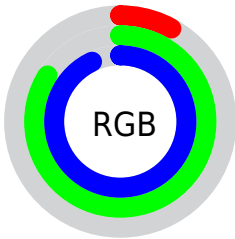
Format	Color
RYB	20, 123, 237
Decimal	1365997
CIELab	79.00, -35.06, -23.01
CIELCh	79, 41.931, 213.275
Yxy	54.9284, 0.2174, 0.2992
Android (android.graphics.Color)	4279556077 (0xFF14D7ED)
YUV	159.2030, 38.3539, -122.0810
Hunter-Lab	74.1137, -33.5670, -19.0906

Details

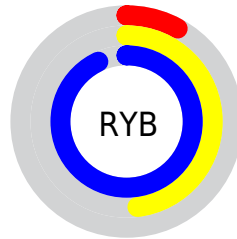
The CIELCh color **79, 41.931, 213.275** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **51, 92.026, 39.992**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **60, 34.140, 217.428** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.160, 214.740**, and if you desaturate by 10%, it is **80, 41.000, 211.777**.

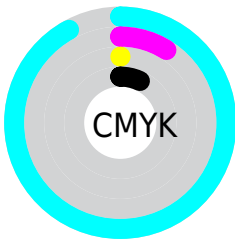
Distribution



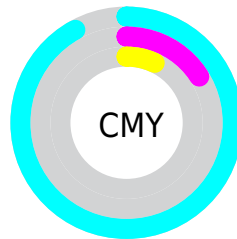
- Red (8%)
- Green (84%)
- Blue (93%)



- Red (8%)
- Yellow (48%)
- Blue (93%)



- Cyan (92%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)





- Cyan (92%)
- Magenta (16%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.931, 213.275 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, 41.931, 213.275 by changing the saturation by 10% instead.


 79, 41.931,
213.275


 79, 41.931,
213.275


 100, 41.931,
213.275


 69, 41.931,
213.275


 99, 41.931,
213.275

 59, 41.931,
213.275

 49, 41.931,
213.275

 39, 41.931,
213.275

 29, 41.931,
213.275

 19, 41.931,
213.275

 9, 41.931, 213.275

■ 0, 41.931, 213.275

■ 79, 41.931,
213.275

■ 79, 41.931,
213.275

■ 78, 42.160,
214.740

■ 80, 41.000,
211.777

■ 81, 39.128,
210.615

■ 82, 36.250,
209.753

■ 84, 32.377,
209.149

■ 85, 27.576,
208.765

■ 87, 21.948,
208.563

■ 89, 15.616,
208.514

■ 91, 8.705, 208.603

■ 93, 1.334, 209.155

Harmonies

Complementary

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



79, 41.931, 213.275



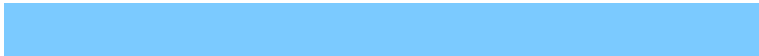
51, 92.026, 39.992

Rectangle

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



79, 41.931, 213.275



79, 41.931, 263.275



79, 41.931, 33.275



79, 41.931, 83.275

Sweetspot

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



79, 41.930, 213.274



94, 20.829, 208.529



82, 108.104, 137.522



49, 14.130, 208.572



0, 0.000, 0.000



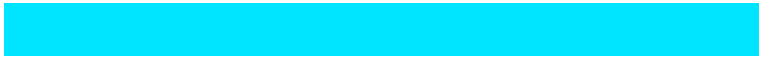
53, 0.007, 296.813

Same Dimension

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



79, 41.930, 213.274



84, 44.531, 214.821



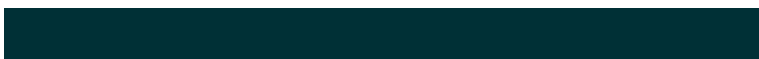
48, 76.634, 289.824



48, 4.196, 208.647



61, 34.488, 214.387



17, 14.949, 211.458

Inverse Universe

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



56, 99.925, 332.390



59, 106.588, 332.815



69, 75.553, 71.124



46, 7.891, 327.831



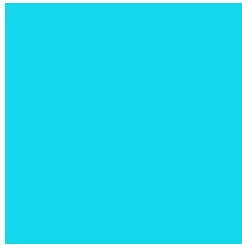
42, 82.560, 332.709



9, 35.765, 331.991

Previews

White Background



This preview shows how the CIE LCh color 79, 41.931, 213.275 looks on a white background.

Color Contrast Check

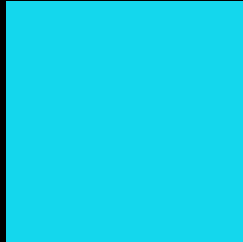
Large Text (above 18pt) WCAG AA × Fail

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, 41.931, 213.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

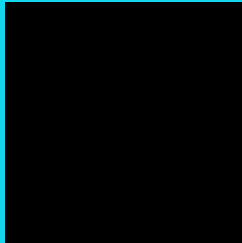
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 41.931, 213.275

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.931, 213.275.



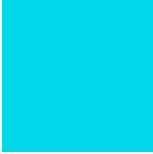
This preview shows how white text looks on a background with the CIELCh color 79, 41.931, 213.275.

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



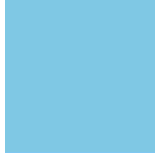


Tritanopia
79, 42.656, 209.114

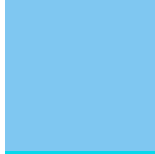
Trichromacy



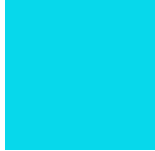
Original Color
79, 41.895, 213.292



Protanomaly
77, 26.127, 233.548



Deuteranomaly
77, 30.019, 247.532

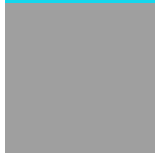


Tritanomaly
79, 42.437, 210.721

Monochromacy



Original Color
79, 41.895, 213.292



Achromatopsia
65, 0.008, 296.813



Achromatomaly
69, 23.016, 208.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.931, 213.275 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(20, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(20, 215, 237)  
}
```

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(20, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 215, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.931, 213.275 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(20, 215, 237) }
```

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

```
.border{ border-color:rgb(20, 215, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 215, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 215, 237);  
box-shadow:4px 4px 4px 4px rgb(20, 215,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.931, 213.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 215, 237) }
```

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

```
.background{ background-color: rgb(20, 215,  
237) }
```

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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