

Converting Colors

CIELCh(79, 24.616, 219.717)

Have a look what the booklet for
CIELCh(79, 24.616, 219.717)
contains.

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Color

CIELCh(79, 24.617, 219.733)

Conversions

Conversions Part 1

Format	Color
Hex	84CFE0
RGB	132, 207, 224
RGB Percent	52%, 81%, 88%
CMY	0.4822, 0.1881, 0.1215
CMYK	0.41, 0.08, 0.00, 0.12
HSL	191°, 60%, 70%
HSV	191°, 41%, 88%
XYZ	45.2964, 54.9284, 78.7537
YIQ	186.5130, -50.1570, -10.6130

Conversions

Conversions Part 2

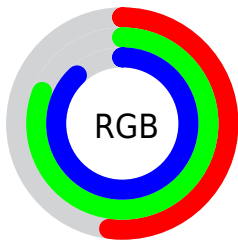
Format	Color
RYB	132, 173, 224
Decimal	8703968
CIELab	79.00, -18.93, -15.74
CIELCh	79, 24.617, 219.733
Yxy	54.9284, 0.2531, 0.3069
Android (android.graphics.Color)	4286894048 (0xFF84CFE0)
YUV	186.5130, 18.4811, -47.8079
Hunter-Lab	74.1137, -20.6044, -11.1223

Details

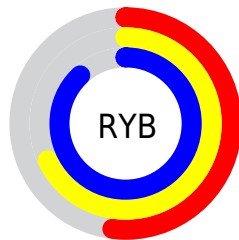
The CIELCh color **79, 24.617, 219.733** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 33.331, 38.071**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **59, 24.666, 219.298** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.109, 220.817**, and if you desaturate by 10%, it is **81, 19.428, 218.941**.

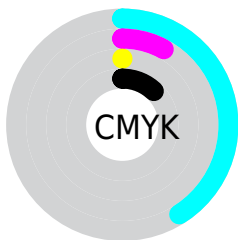
Distribution



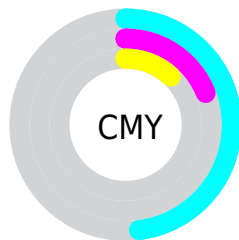
- Red (52%)
- Green (81%)
- Blue (88%)



- Red (52%)
- Yellow (68%)
- Blue (88%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)





- Cyan (48%)
- Magenta (19%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 24.617, 219.733 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, 24.617, 219.733 by changing the saturation by 10% instead.


 79, 24.617,
219.733

 79, 24.617,
219.733


 100, 24.617,
219.733


 69, 24.617,
219.733


 99, 24.617,
219.733

 59, 24.617,
219.733

 49, 24.617,
219.733

 39, 24.617,
219.733

 29, 24.617,
219.733

 19, 24.617,
219.733

 9, 24.617, 219.733

0, 24.617, 219.733

79, 24.617,
219.733

79, 24.617,
219.733

77, 29.109,
220.817

81, 19.428,
218.941

75, 32.818,
222.270

84, 13.648,
218.392

73, 35.686,
224.167

86, 7.382, 218.052

71, 37.711,
226.589

89, 0.730, 218.555

70, 38.966,
229.602

92, 6.221, 37.524

69, 39.632,
232.742

94, 9.380, 45.193

95, 9.271, 61.025

■ 96, 9.860, 76.022

■ 97, 11.032, 88.531

Harmonies

Complementary

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



79, 24.617, 219.733



69, 33.331, 38.071

Rectangle

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



79, 24.617, 219.733



79, 24.617, 269.733



79, 24.617, 39.733



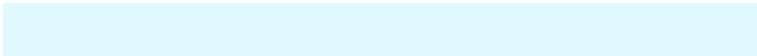
79, 24.617, 89.733

Sweetspot

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



79, 24.617, 219.730



96, 8.868, 218.077



82, 51.571, 146.548



51, 5.861, 218.112



0, 0.000, 0.000



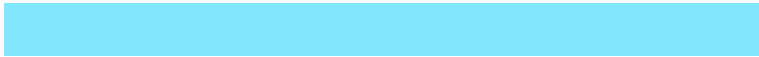
53, 0.007, 296.813

Same Dimension

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



79, 24.617, 219.730



87, 31.312, 220.607



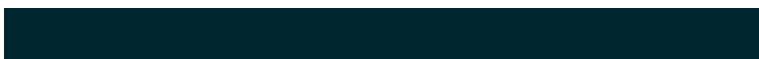
66, 35.490, 279.367



46, 3.809, 218.019



55, 33.058, 232.094



14, 13.547, 225.561

Inverse Universe

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



67, 51.592, 332.652



72, 67.407, 333.227



80, 35.421, 87.088



44, 7.174, 330.555



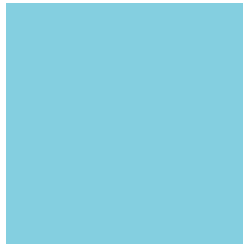
40, 75.814, 337.204



7, 31.704, 335.480

Previews

White Background



This preview shows how the CIELCh color 79, 24.617, 219.733 looks on a white background.

Color Contrast Check

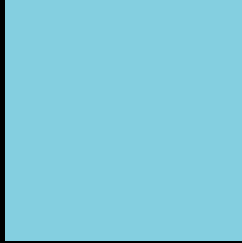
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 24.617, 219.733 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, 24.617, 219.733

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.617, 219.733.



This preview shows how white text looks on a background with the CIELCh color 79, 24.617, 219.733.

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, 24.617, 219.733

Protanopia
79, 11.773, 289.542

Deuteranopia
79, 20.589, 299.633



Tritanopia
79, 24.617, 219.733

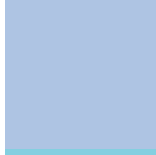
Trichromacy



Original Color
79, 24.617, 219.733



Protanomaly
78, 14.045, 248.819



Deuteranomaly
78, 17.905, 267.557

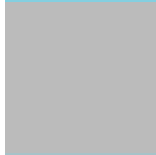


Tritanomaly
79, 24.617, 219.733

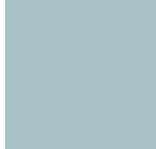
Monochromacy



Original Color
79, 24.617, 219.733



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 9.907, 217.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.617, 219.733 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(132, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(132, 207, 224)  
}
```

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(132, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 207, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.617, 219.733 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(132, 207, 224) }
```

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

```
.border{ border-color:rgb(132, 207, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 207, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(132, 207,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.617, 219.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 207, 224) }
```

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

```
.background{ background-color: rgb(132,  
207, 224) }
```

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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