

Converting Colors

CIELCh(79, 22.113, 215.413)

Have a look what the booklet for
CIELCh(79, 22.113, 215.413)
contains.

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Color

CIELCh(79, 22.203, 216.364)

Conversions

Conversions Part 1

Format	Color
Hex	8BCEDB
RGB	139, 206, 219
RGB Percent	55%, 81%, 86%
CMY	0.4538, 0.1910, 0.1400
CMYK	0.36, 0.06, 0.00, 0.14
HSL	190°, 53%, 70%
HSV	190°, 36%, 86%
XYZ	45.6634, 54.9284, 75.4184
YIQ	187.4490, -44.1050, -10.1610

Conversions

Conversions Part 2

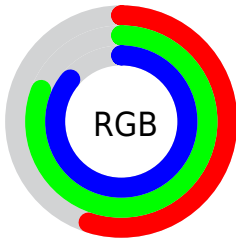
Format	Color
RYB	139, 175, 219
Decimal	9162459
CIELab	79.00, -17.88, -13.16
CIELCh	79, 22.203, 216.364
Yxy	54.9284, 0.2594, 0.3121
Android (android.graphics.Color)	4287352539 (0xFF8BCEDB)
YUV	187.4490, 15.5546, -42.4898
Hunter-Lab	74.1137, -19.7205, -8.4542

Details

The CIELCh color **79, 22.203, 216.364** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 28.972, 35.820**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.614, 198.212**, and **59, 22.351, 215.494** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.975, 217.119**, and if you desaturate by 10%, it is **81, 16.771, 215.843**.

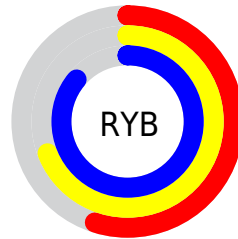
Distribution



Red (55%)

Green (81%)

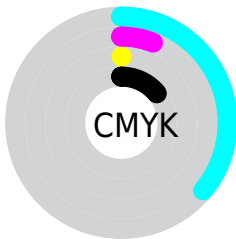
Blue (86%)



Red (55%)

Yellow (69%)

Blue (86%)

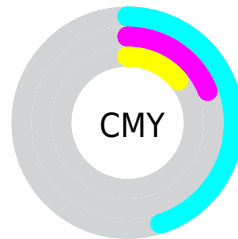


Cyan (36%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (45%)

Magenta (19%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 22.203, 216.364 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, 22.203, 216.364 by changing the saturation by 10% instead.

 79, 22.203,
216.364

 79, 22.203,
216.364

 100, 22.203,
216.364

 69, 22.203,
216.364

 99, 22.203,
216.364

 59, 22.203,
216.364

 49, 22.203,
216.364

 39, 22.203,
216.364

 29, 22.203,
216.364

 19, 22.203,
216.364

 9, 22.203, 216.364

0, 22.203, 216.364

79, 22.203,
216.364

79, 22.203,
216.364

77, 26.975,
217.119

81, 16.771,
215.843

75, 30.988,
218.173

83, 10.789,
215.524

73, 34.165,
219.588

86, 4.361, 215.414

88, 2.417, 34.959

72, 36.472,
221.435

91, 9.459, 35.155

71, 37.936,
223.783

92, 10.976, 43.046

69, 38.670,
226.677

93, 10.709, 54.687

■ 69, 38.852,
227.768

■ 94, 10.899, 66.386

■ 95, 11.523, 77.218

Harmonies

Complementary

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



79, 22.203, 216.364



69, 28.972, 35.820

Rectangle

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



79, 22.203, 216.364



79, 22.203, 266.364



79, 22.203, 36.364



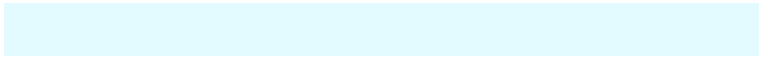
79, 22.203, 86.364

Sweetspot

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



79, 22.203, 216.361



97, 8.263, 215.430



81, 46.302, 145.984



51, 5.531, 215.448



0, 0.000, 0.000



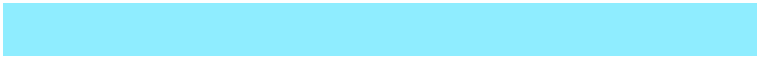
53, 0.007, 296.813

Same Dimension

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



79, 22.203, 216.361



89, 29.169, 216.937



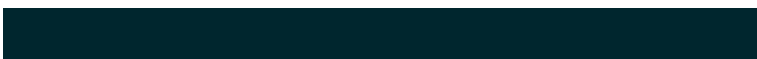
68, 29.570, 275.791



45, 3.790, 215.415



55, 32.607, 227.207



13, 13.168, 221.215

Inverse Universe

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



68, 45.965, 331.527



74, 62.039, 332.044



79, 30.025, 84.986



43, 7.151, 329.795



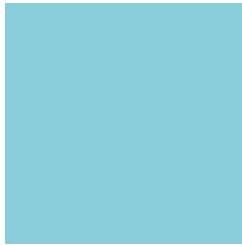
40, 76.282, 335.916



7, 30.825, 334.337

Previews

White Background



This preview shows how the CIELCh color 79, 22.203, 216.364 looks on a white background.

Color Contrast Check

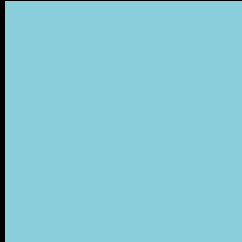
Large Text (above 18pt) WCAG AA × Fail

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, 22.203, 216.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

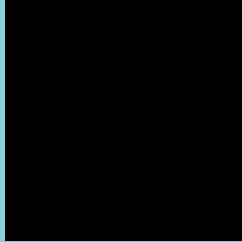
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 22.203, 216.364

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.203, 216.364.



This preview shows how white text looks on a background with the CIELCh color 79, 22.203, 216.364.

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, 22.203, 216.364

Protanopia

79, 9.093, 288.776

Deuteranopia

79, 18.144, 303.907



Tritanopia
79, 22.285, 220.781

Trichromacy



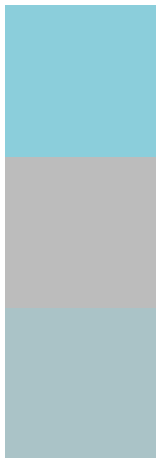
Original Color
79, 22.203, 216.364

Protanomaly
79, 11.920, 245.048

Deuteranomaly
79, 14.894, 268.672

Tritanomaly
79, 22.159, 219.403

Monochromacy



Original Color
79, 22.203, 216.364

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 9.019, 212.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.203, 216.364 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(139, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(139, 206, 219)  
}
```

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(139, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 206, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.203, 216.364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

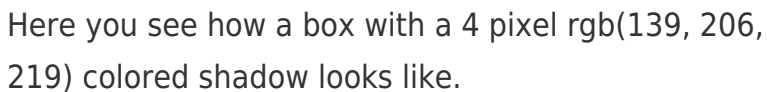
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 206, 219) }
```

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

```
.border{ border-color:rgb(139, 206, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 206, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 206, 219); box-shadow:4px 4px 4px 4px rgb(139, 206, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.203, 216.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 206, 219) }
```

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

```
.background{ background-color: rgb(139,  
206, 219) }
```

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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