

Converting Colors

CIELCh(79, 22.159, 219.403)

Have a look what the booklet for
CIELCh(79, 22.159, 219.403)
contains.

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Color

CIELCh(79, 22.159, 219.403)

Conversions

Conversions Part 1

Format	Color
Hex	8CCEDD
RGB	140, 206, 221
RGB Percent	55%, 81%, 87%
CMY	0.4510, 0.1922, 0.1334
CMYK	0.37, 0.07, 0.00, 0.13
HSL	191°, 54%, 71%
HSV	191°, 37%, 87%
XYZ	45.9287, 54.9284, 76.5769
YIQ	187.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

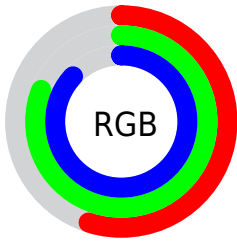
Format	Color
RYB	140, 176, 221
Decimal	9227997
CIELab	79.00, -17.12, -14.07
CIELCh	79, 22.159, 219.403
Yxy	54.9284, 0.2588, 0.3096
Android (android.graphics.Color)	4287418077 (0xFF8CCEDD)
YUV	187.9760, 16.2808, -42.0750
Hunter-Lab	74.1137, -19.0814, -9.3809

Details

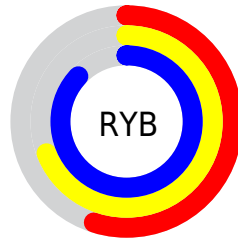
The CIELCh color **79, 22.159, 219.403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 28.878, 37.933**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **59, 22.294, 218.714** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.919, 220.349**, and if you desaturate by 10%, it is **81, 16.756, 218.721**.

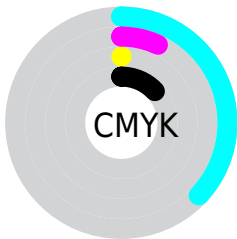
Distribution



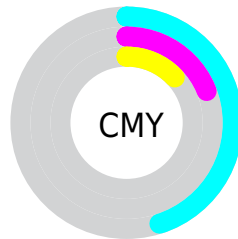
- Red (55%)
- Green (81%)
- Blue (87%)



- Red (55%)
- Yellow (69%)
- Blue (87%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 22.159, 219.403 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, 22.159, 219.403 by changing the saturation by 10% instead.

 79, 22.159,
219.403

 79, 22.159,
219.403


 100, 22.159,
219.403

 69, 22.159,
219.403

 99, 22.159,
219.403

 59, 22.159,
219.403

 49, 22.159,
219.403

 39, 22.159,
219.403

 29, 22.159,
219.403

 19, 22.159,
219.403

 9, 22.159, 219.403

0, 22.159, 219.403

79, 22.159,
219.403

79, 22.159,
219.403

77, 26.919,
220.349

81, 16.756,
218.721

75, 30.942,
221.633

84, 10.815,
218.264

73, 34.154,
223.325

86, 4.439, 218.032

89, 2.279, 37.461

71, 36.527,
225.506

92, 9.257, 37.575

70, 38.097,
228.252

93, 10.260, 48.384

68, 38.990,
231.605

94, 10.254, 62.611

■ 68, 39.229,
232.796

■ 95, 10.865, 75.990

■ 96, 11.994, 87.354

Harmonies

Complementary

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



79, 22.159, 219.403



70, 28.878, 37.933

Rectangle

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



79, 22.159, 219.403



79, 22.159, 269.403



79, 22.159, 39.403



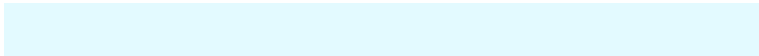
79, 22.159, 89.403

Sweetspot

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



79, 22.159, 219.400



97, 8.149, 218.100



82, 45.683, 147.026



51, 5.455, 218.134



0, 0.000, 0.000



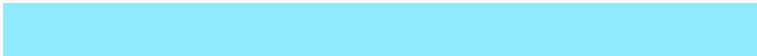
53, 0.007, 296.813

Same Dimension

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



79, 22.159, 219.400



88, 28.843, 220.104



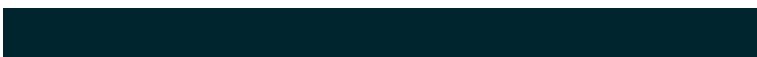
68, 31.193, 278.387



45, 3.738, 218.066



54, 32.704, 232.136



13, 13.105, 225.220

Inverse Universe

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



68, 45.748, 332.364



74, 61.095, 332.892



80, 31.176, 87.698



43, 7.037, 330.567



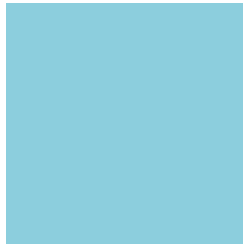
39, 74.988, 337.216



6, 30.335, 335.358

Previews

White Background



This preview shows how the CIELCh color 79, 22.159, 219.403 looks on a white background.

Color Contrast Check

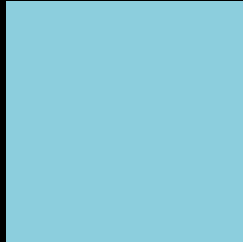
Large Text (above 18pt) WCAG AA × Fail

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, 22.159, 219.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

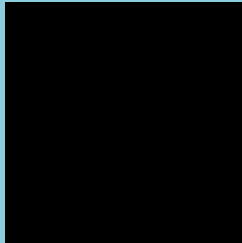
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 22.159, 219.403

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.159, 219.403.



This preview shows how white text looks on a background with the CIELCh color 79, 22.159, 219.403.

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](#).

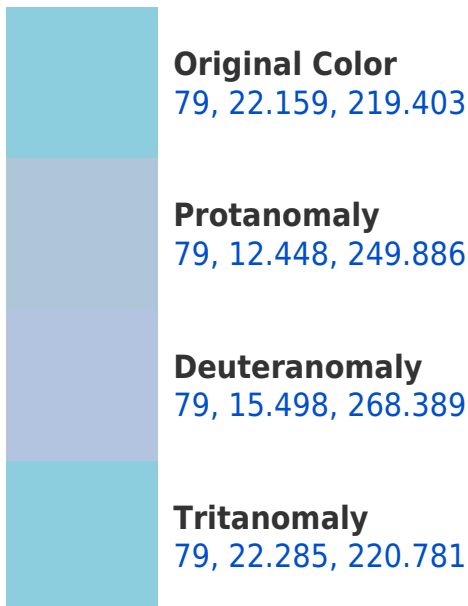
Dichromacy





Tritanopia
79, 22.285, 220.781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.159, 219.403 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(140, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(140, 206, 221)  
}
```

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(140, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 206, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.159, 219.403 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(140, 206, 221) }
```

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

```
.border{ border-color:rgb(140, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(140, 206,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.159, 219.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 206, 221) }
```

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

```
.background{ background-color: rgb(140,  
206, 221) }
```

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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