

Converting Colors

CIELCh(79, 27.194, 226.282)

Have a look what the booklet for
CIELCh(79, 27.194, 226.282)
contains.

CIELCh(79, 27.194, 226.282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 27.194, 226.282)

Conversions

Conversions Part 1

Format	Color
Hex	7DCFE7
RGB	125, 207, 231
RGB Percent	49%, 81%, 91%
CMY	0.5087, 0.1871, 0.0930
CMYK	0.46, 0.10, 0.00, 0.09
HSL	194°, 69%, 70%
HSV	194°, 46%, 91%
XYZ	45.3441, 54.9284, 84.0245
YIQ	185.2180, -56.5760, -9.9200

Conversions

Conversions Part 2

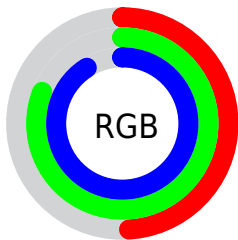
Format	Color
RYB	125, 171, 231
Decimal	8245223
CIELab	79.00, -18.79, -19.65
CIELCh	79, 27.194, 226.282
Yxy	54.9284, 0.2460, 0.2980
Android (android.graphics.Color)	4286435303 (0xFF7DCFE7)
YUV	185.2180, 22.5705, -52.8112
Hunter-Lab	74.1137, -20.4893, -15.3389

Details

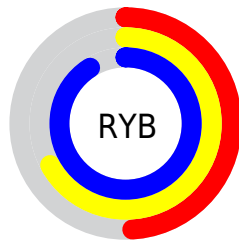
The CIELCh color **79, 27.194, 226.282** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 38.001, 42.075**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **59, 27.229, 225.029** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.484, 227.936**, and if you desaturate by 10%, it is **82, 22.201, 225.016**.

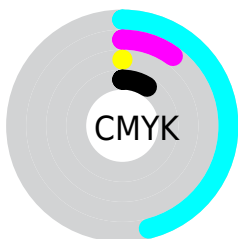
Distribution



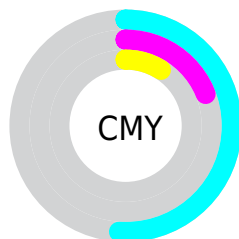
- Red (49%)
- Green (81%)
- Blue (91%)



- Red (49%)
- Yellow (67%)
- Blue (91%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)




- Cyan (51%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.194, 226.282 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, 27.194, 226.282 by changing the saturation by 10% instead.

 79, 27.194,
226.282

 79, 27.194,
226.282

 100, 27.194,
226.282


 69, 27.194,
226.282


 99, 27.194,
226.282

 59, 27.194,
226.282

 49, 27.194,
226.282

 39, 27.194,
226.282

 29, 27.194,
226.282

 19, 27.194,
226.282

 9, 27.194, 226.282

0, 27.194, 226.282

79, 27.194,
226.282

79, 27.194,
226.282

77, 31.484,
227.936

82, 22.201,
225.016

74, 35.007,
230.073

84, 16.599,
224.070

72, 37.742,
232.781

87, 10.486,
223.383

70, 39.739,
236.141

90, 3.960, 222.963

69, 41.136,
240.183

93, 2.889, 42.243

68, 41.649,
241.983

95, 7.001, 52.427

97, 7.576, 77.773

■ 98, 9.322, 96.423

■ 99, 11.715,
108.267

Harmonies

Complementary

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



79, 27.194, 226.282



70, 38.001, 42.075

Rectangle

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



79, 27.194, 226.282



79, 27.194, 276.282



79, 27.194, 46.282



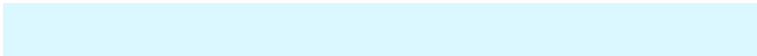
79, 27.194, 96.282

Sweetspot

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



79, 27.193, 226.280



95, 10.087, 223.287



84, 57.320, 147.086



50, 6.923, 223.406



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, 27.193, 226.280



84, 33.670, 227.837



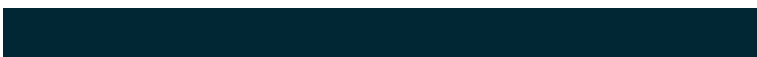
65, 42.700, 282.829



47, 3.802, 223.072



53, 34.199, 241.168



14, 14.053, 233.622

Inverse Universe

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



67, 57.023, 334.638



69, 72.451, 335.385



82, 41.718, 89.026



45, 7.094, 332.045



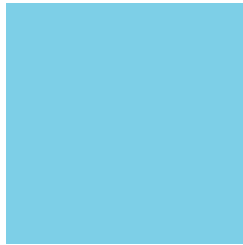
40, 74.299, 339.776



8, 31.971, 337.619

Previews

White Background



This preview shows how the CIELCh color 79, 27.194, 226.282 looks on a white background.

Color Contrast Check

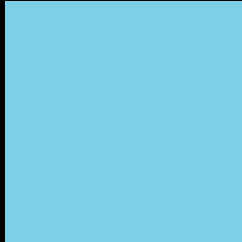
Large Text (above 18pt) WCAG AA × Fail

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, 27.194, 226.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

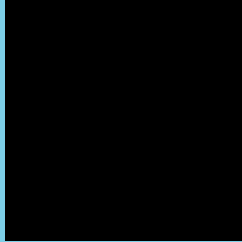
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.194, 226.282

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.194, 226.282.



This preview shows how white text looks on a background with the CIELCh color 79, 27.194, 226.282.

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](#).

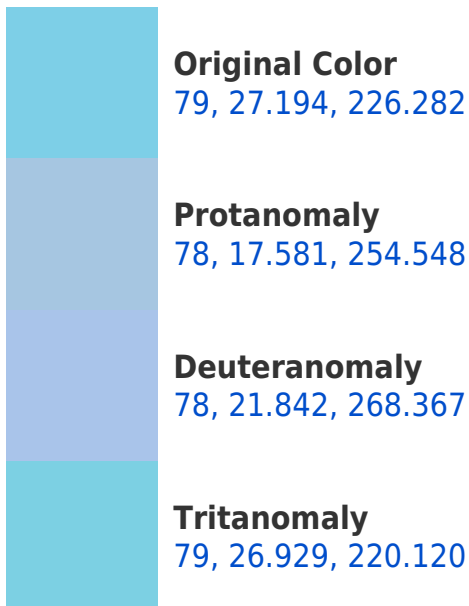
Dichromacy





Tritanopia
79, 26.950, 217.604

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.194, 226.282 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(125, 207, 231)` looks like.

```
.text, #text, p{  
    color:rgb(125, 207, 231)  
}
```

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(125, 207, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 207, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.194, 226.282 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(125, 207, 231) }
```

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

```
.border{ border-color:rgb(125, 207, 231) }
```

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

Here you see how a box with a 4 pixel rgb(125, 207, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(125, 207,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.194, 226.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 207, 231) }
```

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

```
.background{ background-color: rgb(125,  
207, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor