

Converting Colors

CIELCh(79, 26.311, 226.619)

Have a look what the booklet for
CIELCh(79, 26.311, 226.619)
contains.

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Color

CIELCh(79, 26.166, 226.193)

Conversions

Conversions Part 1

Format	Color
Hex	81CFE6
RGB	129, 207, 230
RGB Percent	51%, 81%, 90%
CMY	0.4946, 0.1887, 0.0985
CMYK	0.44, 0.10, 0.00, 0.10
HSL	194°, 67%, 70%
HSV	194°, 44%, 90%
XYZ	45.5817, 54.9284, 82.9694
YIQ	186.3000, -53.8710, -9.3830

Conversions

Conversions Part 2

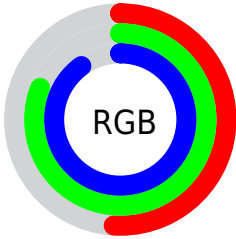
Format	Color
R_{YB}	129, 173, 230
Decimal	8507366
CIE _{Lab}	79.00, -18.11, -18.88
CIE _{LCh}	79, 26.166, 226.193
Yxy	54.9284, 0.2484, 0.2994
Android (android.graphics.Color)	4286697446 (0xFF81CFE6)
YUV	186.3000, 21.5441, -50.2521
Hunter-Lab	74.1137, -19.9172, -14.4949

Details

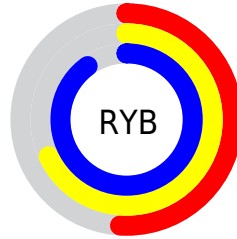
The CIELCh color **79, 26.166, 226.193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 35.948, 42.148**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **59, 26.050, 225.016** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.577, 227.776**, and if you desaturate by 10%, it is **82, 21.074, 224.984**.

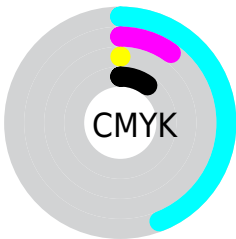
Distribution



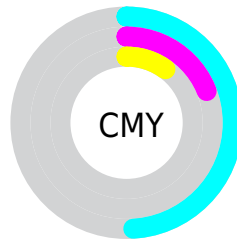
- Red (51%)
- Green (81%)
- Blue (90%)



- Red (51%)
- Yellow (68%)
- Blue (90%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)





- Cyan (49%)
- Magenta (19%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 26.166, 226.193 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, 26.166, 226.193 by changing the saturation by 10% instead.


 79, 26.166,
226.193


 79, 26.166,
226.193


 100, 26.166,
226.193


 69, 26.166,
226.193


 99, 26.166,
226.193

 59, 26.166,
226.193

 49, 26.166,
226.193

 39, 26.166,
226.193

 29, 26.166,
226.193

 19, 26.166,
226.193

 9, 26.166, 226.193

0, 26.166, 226.193

79, 26.166,
226.193

79, 26.166,
226.193

77, 30.577,
227.776

82, 21.074,
224.984

74, 34.237,
229.826

84, 15.396,
224.082

72, 37.115,
232.432

87, 9.230, 223.434

70, 39.246,
235.678

90, 2.672, 223.104

69, 40.750,
239.608

93, 4.192, 42.397

68, 41.499,
242.231

95, 7.424, 54.995

97, 8.092, 78.628

■ 98, 9.845, 96.123

■ 99, 12.213,
107.525

Harmonies

Complementary

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



79, 26.166, 226.193



70, 35.948, 42.148

Rectangle

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



79, 26.166, 226.193



79, 26.166, 276.193



79, 26.166, 46.193



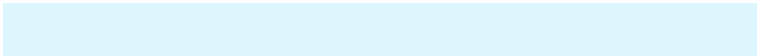
79, 26.166, 96.193

Sweetspot

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



79, 26.165, 226.191



96, 9.387, 223.389



84, 54.804, 147.313



50, 6.530, 223.508



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, 26.165, 226.191



84, 32.793, 227.663



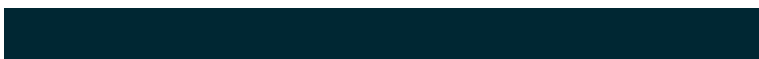
65, 40.638, 282.377



47, 3.800, 223.224



53, 34.234, 241.430



14, 14.059, 233.849

Inverse Universe

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



67, 54.524, 334.542



70, 70.156, 335.275



82, 39.783, 89.287



45, 7.088, 332.090



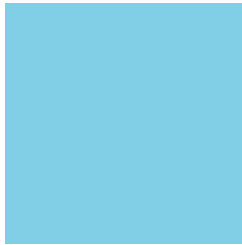
40, 74.233, 339.854



8, 31.945, 337.681

Previews

White Background



This preview shows how the CIELCh color 79, 26.166, 226.193 looks on a white background.

Color Contrast Check

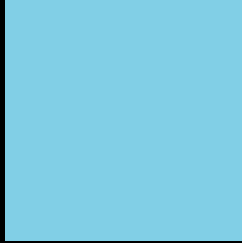
Large Text (above 18pt) WCAG AA × Fail

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, 26.166, 226.193 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, 26.166, 226.193

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.166, 226.193.



This preview shows how white text looks on a background with the CIELCh color 79, 26.166, 226.193.

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, 26.166, 226.193

Protanopia
79, 14.998, 287.579

Deuteranopia
79, 23.132, 296.409

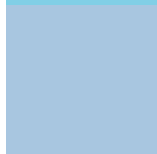


Tritanopia
79, 26.032, 218.391

Trichromacy



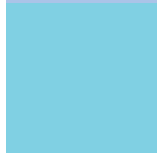
Original Color
79, 26.166, 226.193



Protanomaly
79, 16.816, 255.113



Deuteranomaly
78, 20.656, 268.595

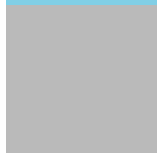


Tritanomaly
79, 26.026, 220.991

Monochromacy



Original Color
79, 26.166, 226.193



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 10.843, 222.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.166, 226.193 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(129, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(129, 207, 230)  
}
```

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(129, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 207, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.166, 226.193 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(129, 207, 230) }
```

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

```
.border{ border-color:rgb(129, 207, 230) }
```

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

Here you see how a box with a 4 pixel rgb(129, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(129, 207,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.166, 226.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 207, 230) }
```

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

```
.background{ background-color: rgb(129,  
207, 230) }
```

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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