

Converting Colors

CIELCh(79, 26.059, 261.324)

Have a look what the booklet for
CIELCh(79, 26.059, 261.324)
contains.

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Color

CIELCh(79, 26.059, 261.324)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8F3
RGB	157, 200, 243
RGB Percent	62%, 78%, 95%
CMY	0.3844, 0.2158, 0.0472
CMYK	0.35, 0.18, 0.00, 0.05
HSL	210°, 78%, 78%
HSV	210°, 35%, 95%
XYZ	50.7186, 54.9284, 92.6976
YIQ	192.0450, -39.4310, 4.2570

Conversions

Conversions Part 2

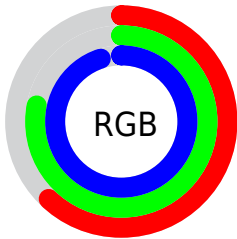
Format	Color
RYB	157, 186, 243
Decimal	10340595
CIELab	79.00, -3.93, -25.76
CIELCh	79, 26.059, 261.324
Yxy	54.9284, 0.2557, 0.2769
Android (android.graphics.Color)	4288530675 (0xFF9DC8F3)
YUV	192.0450, 25.1208, -30.7345
Hunter-Lab	74.1137, -7.5451, -22.2773

Details

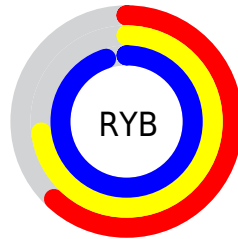
The CIELCh color `79, 26.059, 261.324` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `83, 28.816, 70.974`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 13.731, 198.590`, and `59, 26.302, 261.574` is the 20% darker color. If you saturate the color by 10%, you get `74, 33.145, 263.758`, and if you desaturate by 10%, it is `84, 18.831, 259.282`.

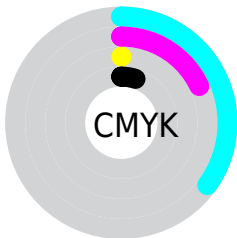
Distribution



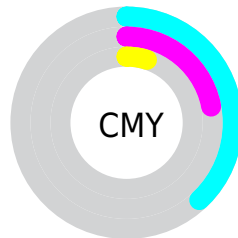
- Red (62%)
- Green (78%)
- Blue (95%)



- Red (62%)
- Yellow (73%)
- Blue (95%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.059, 261.324 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, 26.059, 261.324 by changing the saturation by 10% instead.

■ 79, 26.059,
261.324

■ 79, 26.059,
261.324

■ 100, 26.059,
261.324

■ 69, 26.059,
261.324

■ 99, 26.059,
261.324

■ 59, 26.059,
261.324

■ 49, 26.059,
261.324

■ 39, 26.059,
261.324

■ 29, 26.059,
261.324

■ 19, 26.059,
261.324

■ 9, 26.059, 261.324

0, 26.059, 261.324

79, 26.059,
261.324

79, 26.059,
261.324

74, 33.145,
263.758

84, 18.831,
259.282

70, 40.089,
266.648

88, 11.484,
257.580

66, 46.916,
270.035

93, 4.047, 256.204

98, 3.451, 74.753

61, 53.691,
273.923

100, 6.089,
109.710

57, 60.518,
278.244

54, 67.512,
282.832

■ 52, 70.829,
284.902

Harmonies

Complementary

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



79, 26.059, 261.324



83, 28.816, 70.974

Rectangle

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



79, 26.059, 261.324



79, 26.059, 311.324



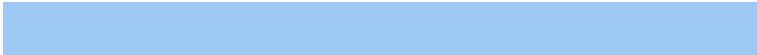
79, 26.059, 81.324



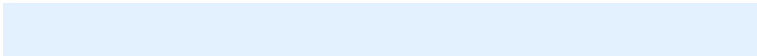
79, 26.059, 131.324

Sweetspot

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



79, 26.058, 261.322



94, 8.554, 256.934



90, 37.753, 159.366



50, 5.743, 257.129



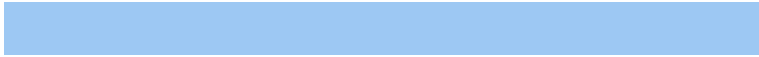
0, 0.000, 0.000



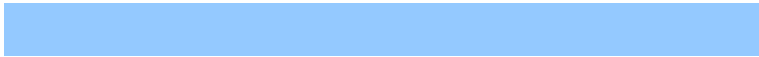
53, 0.007, 296.813

Same Dimension

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



79, 26.058, 261.322



79, 31.982, 262.910



68, 46.570, 294.174



49, 4.279, 256.721



40, 57.039, 284.095



11, 22.168, 276.802

Inverse Universe

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



74, 38.890, 347.097



74, 47.867, 347.952



94, 42.694, 106.017



48, 6.172, 344.404



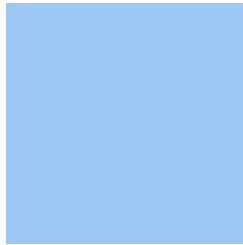
40, 66.897, 2.023



9, 30.257, 355.899

Previews

White Background



This preview shows how the CIELCh color 79, 26.059, 261.324 looks on a white background.

Color Contrast Check

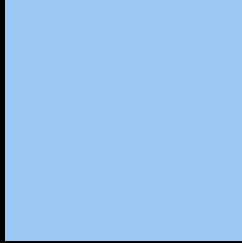
Large Text (above 18pt) WCAG AA × Fail

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, 26.059, 261.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

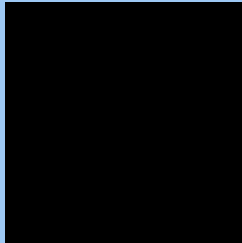
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

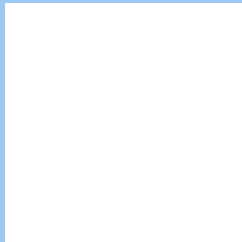
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 26.059, 261.324

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.059, 261.324.



This preview shows how white text looks on a background with the CIELCh color 79, 26.059, 261.324.

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](#).

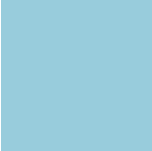
Dichromacy



Original Color
79, 26.059, 261.324

Protanopia
79, 24.141, 286.071

Deuteranopia
79, 28.892, 290.813



Tritanopia
79, 18.700, 225.713

Trichromacy



Original Color
79, 26.059, 261.324

Protanomaly
79, 24.242, 276.037

Deuteranomaly
79, 27.109, 280.974

Tritanomaly
79, 20.212, 240.166

Monochromacy



Original Color
79, 26.059, 261.324

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.092, 257.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.059, 261.324 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(157, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 243)  
}
```

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(157, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.059, 261.324 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(157, 200, 243) }
```

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

```
.border{ border-color:rgb(157, 200, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 243);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.059, 261.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 243) }
```

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

```
.background{ background-color: rgb(157,  
200, 243) }
```

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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