

Converting Colors

CIELCh(79, 24.201, 269.385)

Have a look what the booklet for
CIELCh(79, 24.201, 269.385)
contains.

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Color

CIELCh(79, 24.050, 268.696)

Conversions

Conversions Part 1

Format	Color
Hex	A8C6F0
RGB	168, 198, 240
RGB Percent	66%, 78%, 94%
CMY	0.3416, 0.2240, 0.0593
CMYK	0.30, 0.18, 0.00, 0.06
HSL	215°, 70%, 80%
HSV	215°, 30%, 94%
XYZ	51.9987, 54.9284, 90.2013
YIQ	193.8180, -31.3620, 6.7020

Conversions

Conversions Part 2

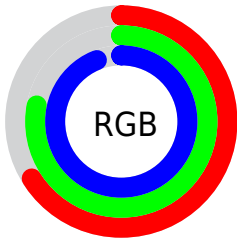
Format	Color
R _Y B	168, 189, 240
Decimal	11060976
CIE Lab	79.00, -0.55, -24.04
CIE LCh	79, 24.050, 268.696
Yxy	54.9284, 0.2638, 0.2786
Android (android.graphics.Color)	4289251056 (0xFFA8C6F0)
YUV	193.8180, 22.7677, -22.6424
Hunter-Lab	74.1137, -4.4620, -20.2803

Details

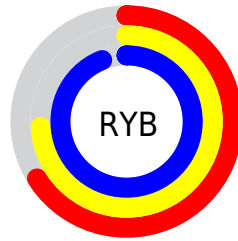
The CIELCh color **79, 24.050, 268.696** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86, 25.078, 79.913**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **59, 24.243, 269.169** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.102, 270.893**, and if you desaturate by 10%, it is **84, 16.012, 266.832**.

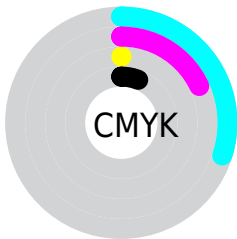
Distribution



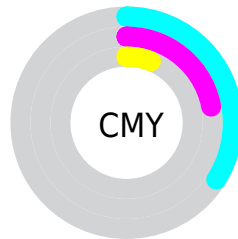
- Red (66%)
- Green (78%)
- Blue (94%)



- Red (66%)
- Yellow (74%)
- Blue (94%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 24.050, 268.696 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, 24.050, 268.696 by changing the saturation by 10% instead.

■ 79, 24.050,
268.696

■ 79, 24.050,
268.696

■ 100, 24.050,
268.696

■ 69, 24.050,
268.696

■ 99, 24.050,
268.696

■ 59, 24.050,
268.696

■ 49, 24.050,
268.696

■ 39, 24.050,
268.696

■ 29, 24.050,
268.696

■ 19, 24.050,
268.696

■ 9, 24.050, 268.696

0, 24.050, 268.696

79, 24.050,
268.696

79, 24.050,
268.696

74, 32.102,
270.893

84, 16.012,
266.832

69, 40.180,
273.479

89, 7.998, 265.265

64, 48.308,
276.491

95, 0.020, 281.429

99, 7.087, 106.310

59, 56.538,
279.936

100, 7.656,
109.595

54, 64.938,
283.766

50, 73.558,
287.852

■ 46, 82.378,
291.912

Harmonies

Complementary

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



79, 24.050, 268.696



86, 25.078, 79.913

Rectangle

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



79, 24.050, 268.696



79, 24.050, 318.696



79, 24.050, 88.696



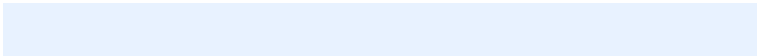
79, 24.050, 138.696

Sweetspot

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



79, 24.049, 268.694



95, 7.554, 265.127



89, 29.825, 164.495



50, 5.250, 265.333



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, 24.049, 268.694



80, 30.336, 269.994



72, 39.373, 296.083



47, 4.536, 265.189



35, 66.214, 291.191



8, 24.735, 284.271

Inverse Universe

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



76, 31.122, 351.478



77, 39.338, 352.287



93, 36.601, 110.190



47, 5.749, 349.202



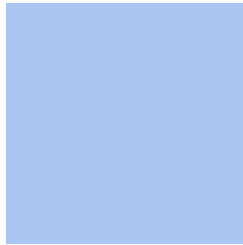
39, 66.099, 10.020



8, 28.897, 2.166

Previews

White Background



This preview shows how the CIELCh color 79, 24.050, 268.696 looks on a white background.

Color Contrast Check

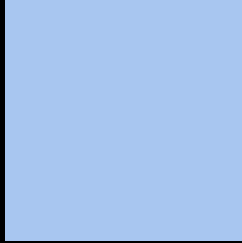
Large Text (above 18pt) WCAG AA × Fail

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, 24.050, 268.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

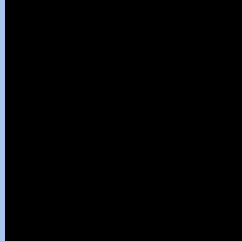
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

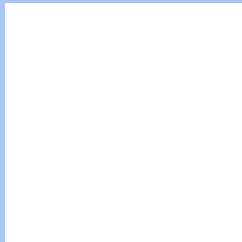
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 24.050, 268.696

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.050, 268.696.



This preview shows how white text looks on a background with the CIELCh color 79, 24.050, 268.696.

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, 24.050, 268.696

Protanopia

79, 23.585, 286.657

Deuteranopia

79, 26.760, 292.555



Tritanopia
79, 15.331, 232.689

Trichromacy



Original Color
79, 24.050, 268.696

Protanomaly
79, 23.407, 279.345

Deuteranomaly
79, 25.270, 284.263

Tritanomaly
79, 17.513, 248.796

Monochromacy



Original Color
79, 24.050, 268.696

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.174, 268.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.050, 268.696 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(168, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 240)  
}
```

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(168, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.050, 268.696 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(168, 198, 240) }
```

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

```
.border{ border-color:rgb(168, 198, 240) }
```

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

Here you see how a box with a 4 pixel rgb(168, 198, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.050, 268.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 240) }
```

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

```
.background{ background-color: rgb(168,  
198, 240) }
```

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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