

Converting Colors

CIELCh(79, 18.756, 248.709)

Have a look what the booklet for
CIELCh(79, 18.756, 248.709)
contains.

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Color

CIELCh(79, 18.844, 249.052)

Conversions

Conversions Part 1

Format	Color
Hex	A2C9E4
RGB	162, 201, 228
RGB Percent	64%, 79%, 89%
CMY	0.3655, 0.2125, 0.1067
CMYK	0.29, 0.12, 0.00, 0.11
HSL	205°, 55%, 76%
HSV	205°, 29%, 89%
XYZ	49.6731, 54.9284, 81.2310
YIQ	192.4170, -31.9110, 0.1290

Conversions

Conversions Part 2

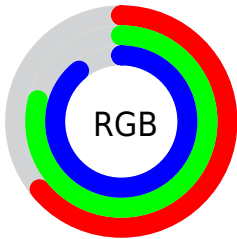
Format	Color
R _Y B	162, 187, 228
Decimal	10668516
CIE Lab	79.00, -6.74, -17.60
CIE LCh	79, 18.844, 249.052
Yxy	54.9284, 0.2673, 0.2956
Android (android.graphics.Color)	4288858596 (0xFFA2C9E4)
YUV	192.4170, 17.5424, -26.6757
Hunter-Lab	74.1137, -10.0633, -13.1042

Details

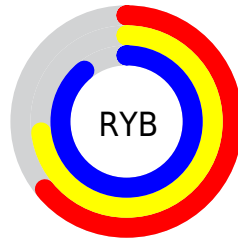
The CIELCh color **79, 18.844, 249.052** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 21.388, 61.967**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **59, 18.939, 250.126** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.874, 251.060**, and if you desaturate by 10%, it is **83, 12.539, 247.404**.

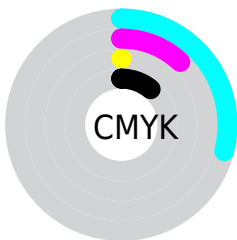
Distribution



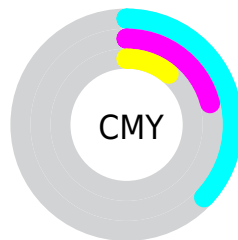
- Red (64%)
- Green (79%)
- Blue (89%)



- Red (64%)
- Yellow (73%)
- Blue (89%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (37%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.844, 249.052 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, 18.844, 249.052 by changing the saturation by 10% instead.

■ 79, 18.844,
249.052

■ 79, 18.844,
249.052

■ 100, 18.844,
249.052

■ 69, 18.844,
249.052

■ 99, 18.844,
249.052

■ 59, 18.844,
249.052

■ 49, 18.844,
249.052

■ 39, 18.844,
249.052

■ 29, 18.844,
249.052

■ 19, 18.844,
249.052

■ 9, 18.844, 249.052

0, 18.844, 249.052

79, 18.844,
249.052

79, 18.844,
249.052

75, 24.874,
251.060

83, 12.539,
247.404

71, 30.591,
253.511

87, 6.012, 246.082

68, 35.972,
256.475

91, 0.691, 64.176

95, 7.522, 63.872

64, 41.031,
260.015

97, 10.332, 93.849

61, 45.833,
264.149

99, 13.768,
109.137

58, 50.502,
268.823

■ 55, 55.220,
273.815

■ 55, 55.723,
274.310

Harmonies

Complementary

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



79, 18.844, 249.052



79, 21.388, 61.967

Rectangle

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



79, 18.844, 249.052



79, 18.844, 299.052



79, 18.844, 69.052



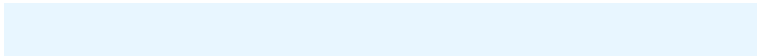
79, 18.844, 119.052

Sweetspot

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



79, 18.843, 249.048



96, 6.609, 246.092



85, 31.493, 156.122



51, 4.584, 246.265



0, 0.000, 0.000



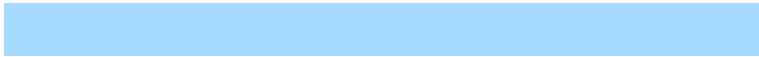
53, 0.007, 296.813

Same Dimension

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



79, 18.843, 249.048



85, 24.663, 250.258



70, 32.518, 289.603



46, 3.827, 246.139



43, 45.821, 273.440



10, 17.000, 264.053

Inverse Universe

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



74, 31.961, 341.463



78, 42.278, 342.082



87, 30.787, 102.715



45, 6.230, 339.741



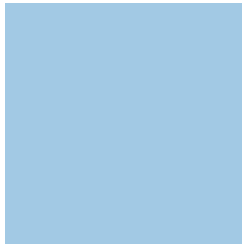
39, 66.638, 353.591



7, 28.722, 348.393

Previews

White Background



This preview shows how the CIELCh color 79, 18.844, 249.052 looks on a white background.

Color Contrast Check

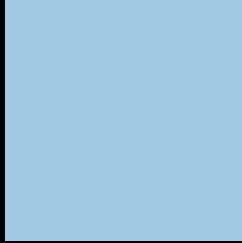
Large Text (above 18pt) WCAG AA × Fail

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, 18.844, 249.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

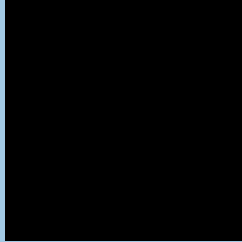
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

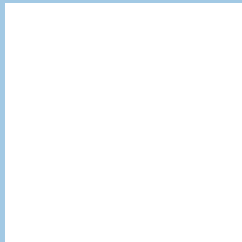
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 18.844, 249.052

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.844, 249.052.



This preview shows how white text looks on a background with the CIELCh color 79, 18.844, 249.052.

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

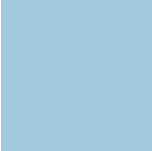
79, 18.844, 249.052

Protanopia

79, 15.536, 286.505

Deuteranopia

79, 21.015, 297.612



Tritanopia
79, 16.350, 232.516

Trichromacy



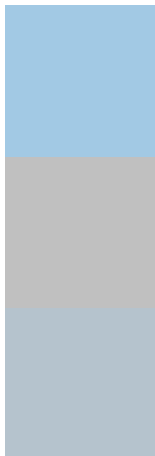
Original Color
79, 18.844, 249.052

Protanomaly
79, 16.263, 272.205

Deuteranomaly
79, 18.444, 280.257

Tritanomaly
79, 16.921, 238.019

Monochromacy



Original Color
79, 18.844, 249.052

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.205, 247.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.844, 249.052 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(162, 201, 228)` looks like.

```
.text, #text, p{  
    color:rgb(162, 201, 228)  
}
```

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(162, 201, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 201, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.844, 249.052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

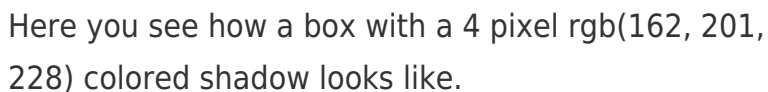
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 201, 228) }
```

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

```
.border{ border-color:rgb(162, 201, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 201, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 201, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 201, 228); box-shadow:4px 4px 4px 4px rgb(162, 201, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.844, 249.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 201, 228) }
```

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

```
.background{ background-color: rgb(162,  
201, 228) }
```

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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