

Converting Colors

CIELCh(79, 14.610, 244.902)

Have a look what the booklet for
CIELCh(79, 14.610, 244.902)
contains.

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Color

CIELCh(79, 14.662, 245.898)

Conversions

Conversions Part 1

Format	Color
Hex	A9C8DC
RGB	169, 200, 220
RGB Percent	66%, 78%, 86%
CMY	0.3371, 0.2156, 0.1371
CMYK	0.23, 0.09, 0.00, 0.14
HSL	204°, 42%, 76%
HSV	204°, 23%, 86%
XYZ	49.9510, 54.9284, 75.6992
YIQ	193.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

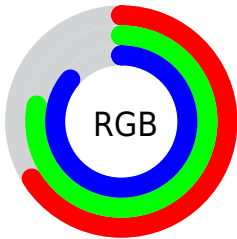
Format	Color
R _{YB}	169, 188, 220
Decimal	11127004
CIE Lab	79.00, -5.99, -13.38
CIE LCh	79, 14.662, 245.898
Yxy	54.9284, 0.2766, 0.3042
Android (android.graphics.Color)	4289317084 (0xFFA9C8DC)
YUV	193.0110, 13.3056, -21.0576
Hunter-Lab	74.1137, -9.3939, -8.6788

Details

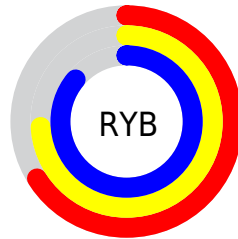
The CIELCh color **79, 14.662, 245.898** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 16.282, 60.633**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **59, 14.663, 246.307** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.589, 247.625**, and if you desaturate by 10%, it is **83, 8.473, 244.491**.

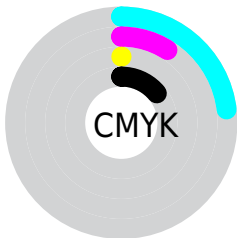
Distribution



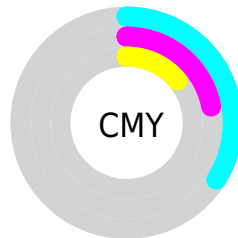
- Red (66%)
- Green (78%)
- Blue (86%)



- Red (66%)
- Yellow (74%)
- Blue (86%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (34%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 14.662, 245.898 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, 14.662, 245.898 by changing the saturation by 10% instead.

■ 79, 14.662,
245.898

■ 79, 14.662,
245.898

■ 100, 14.662,
245.898

■ 69, 14.662,
245.898

■ 99, 14.662,
245.898

■ 59, 14.662,
245.898

■ 49, 14.662,
245.898

■ 39, 14.662,
245.898

■ 29, 14.662,
245.898

■ 19, 14.662,
245.898

■ 9, 14.662, 245.898

0, 14.662, 245.898

79, 14.662,
245.898

79, 14.662,
245.898

75, 20.589,
247.625

83, 8.473, 244.491

72, 26.204,
249.752

87, 2.075, 243.497

68, 31.469,
252.349

90, 4.483, 62.191

65, 36.368,
255.493

96, 12.572, 88.972

62, 40.930,
259.238

98, 16.142,
104.765

59, 45.237,
263.588

99, 17.684,
108.840

■ 56, 49.432,
268.455

■ 54, 52.349,
271.875

Harmonies

Complementary

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



79, 14.662, 245.898



79, 16.282, 60.633

Rectangle

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



79, 14.662, 245.898



79, 14.662, 295.898



79, 14.662, 65.898



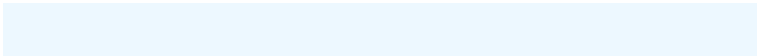
79, 14.662, 115.898

Sweetspot

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



79, 14.661, 245.892



97, 5.118, 243.796



84, 24.867, 155.965



51, 3.323, 243.858



0, 0.000, 0.000



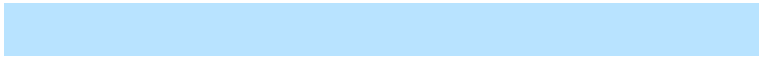
53, 0.007, 296.813

Same Dimension

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



79, 14.661, 245.892



88, 19.778, 246.723



72, 24.551, 287.904



44, 3.660, 244.048



43, 43.275, 270.987



9, 15.307, 260.309

Inverse Universe

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



75, 25.105, 340.092



82, 34.227, 340.548



85, 23.592, 102.488



43, 6.073, 338.936



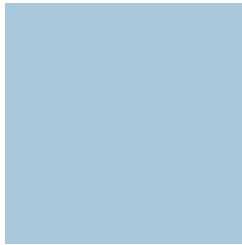
38, 65.737, 352.067



6, 26.457, 346.920

Previews

White Background



This preview shows how the CIELCh color 79, 14.662, 245.898 looks on a white background.

Color Contrast Check

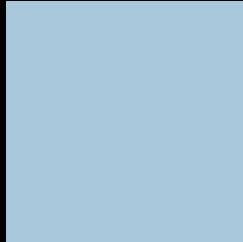
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 14.662, 245.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

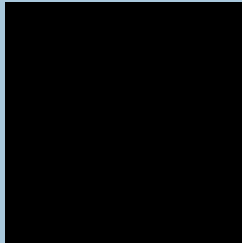
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

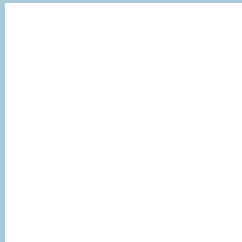
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 14.662, 245.898

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.662, 245.898.



This preview shows how white text looks on a background with the CIELCh color 79, 14.662, 245.898.

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, 14.662, 245.898

Protanopia
79, 11.762, 289.536

Deuteranopia
79, 17.704, 305.366



Tritanopia
79, 13.815, 237.170

Trichromacy



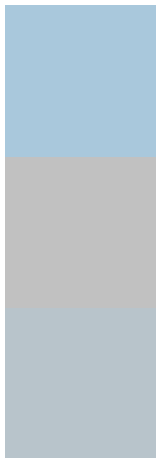
Original Color
79, 14.662, 245.898

Protanomaly
79, 11.866, 270.757

Deuteranomaly
79, 14.473, 286.013

Tritanomaly
79, 14.115, 239.016

Monochromacy



Original Color
79, 14.662, 245.898

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.623, 241.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.662, 245.898 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(169, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 200, 220)  
}
```

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(169, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 200, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.662, 245.898 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(169, 200, 220) }
```

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

```
.border{ border-color:rgb(169, 200, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 200, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 200, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 200, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 200,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.662, 245.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 200, 220) }
```

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

```
.background{ background-color: rgb(169,  
200, 220) }
```

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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