

Converting Colors

CIELCh(68, 21.240, 239.734)

Have a look what the booklet for
CIELCh(68, 21.240, 239.734)
contains.

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Color

CIELCh(68, 21.118, 239.394)

Conversions

Conversions Part 1

Format	Color
Hex	79ADC6
RGB	121, 173, 198
RGB Percent	47%, 68%, 78%
CMY	0.5259, 0.3220, 0.2240
CMYK	0.39, 0.13, 0.00, 0.22
HSL	199°, 40%, 63%
HSV	199°, 39%, 78%
XYZ	32.9706, 37.9720, 58.9470
YIQ	160.3020, -39.0170, -3.2490

Conversions

Conversions Part 2

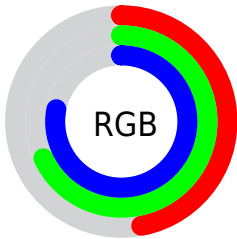
Format	Color
RYB	121, 152, 198
Decimal	7974342
CIELab	68.00, -10.75, -18.18
CIElCh	68, 21.118, 239.394
Yxy	37.9720, 0.2538, 0.2923
Android (android.graphics.Color)	4286164422 (0xFF79ADC6)
YUV	160.3020, 18.5851, -34.4679
Hunter-Lab	61.6215, -12.3311, -13.5817

Details

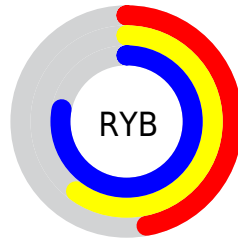
The CIELCh color **68, 21.118, 239.394** is a light color, and the websafe version is hex **669999**. A complement of this color would be **65, 26.576, 51.997**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 21.228, 240.495**, and **48, 20.962, 238.735** is the 20% darker color. If you saturate the color by 10%, you get **65, 25.668, 241.441**, and if you desaturate by 10%, it is **71, 16.149, 237.755**.

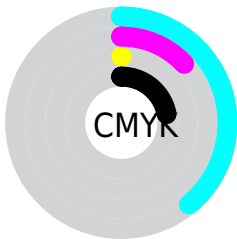
Distribution



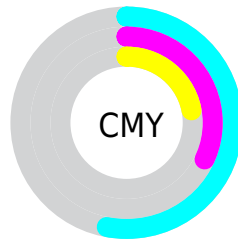
- Red (47%)
- Green (68%)
- Blue (78%)



- Red (47%)
- Yellow (60%)
- Blue (78%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (32%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 21.118, 239.394 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 68, 21.118, 239.394 by changing the saturation by 10% instead.


 68, 21.118,
239.394

 68, 21.118,
239.394


 100, 21.118,
239.394


 58, 21.118,
239.394


 88, 21.118,
239.394

 48, 21.118,
239.394


 98, 21.118,
239.394

 38, 21.118,
239.394

 28, 21.118,
239.394

 18, 21.118,
239.394

 8, 21.118, 239.394

 0, 21.118, 239.394

■ 68, 21.118,
239.394

■ 68, 21.118,
239.394

■ 65, 25.668,
241.441

■ 71, 16.149,
237.755

■ 62, 29.756,
243.990

■ 74, 10.825,
236.459

■ 60, 33.364,
247.125

■ 77, 5.207, 235.461

■ 58, 36.523,
250.911

■ 80, 0.644, 53.772

■ 83, 6.672, 53.787

■ 55, 39.328,
255.361

■ 87, 12.834, 53.283

■ 53, 41.968,
260.308

■ 90, 17.654, 55.824

■ 91, 18.055, 68.544

■ 53, 42.267,
260.836

■ 93, 19.296, 80.112

Harmonies

Complementary

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



68, 21.118, 239.394



65, 26.576, 51.997

Rectangle

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



68, 21.118, 239.394



68, 21.118, 289.394



68, 21.118, 59.394



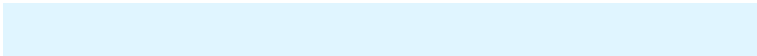
68, 21.118, 109.394

Sweetspot

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



68, 21.117, 239.391



95, 8.561, 235.753



74, 40.015, 151.577



50, 5.663, 235.882



0, 0.000, 0.000



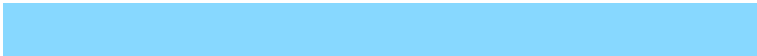
53, 0.007, 296.813

Same Dimension

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



68, 21.117, 239.391



83, 30.435, 241.170



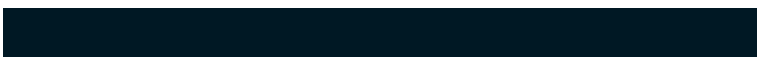
58, 35.909, 287.213



40, 3.325, 235.501



44, 36.347, 260.043



7, 11.582, 248.899

Inverse Universe

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



60, 40.330, 338.293



72, 59.174, 339.114



75, 34.008, 96.888



39, 5.878, 335.917



36, 65.224, 346.511



4, 20.146, 342.097

Previews

White Background



This preview shows how the CIELCh color 68, 21.118, 239.394 looks on a white background.

Color Contrast Check

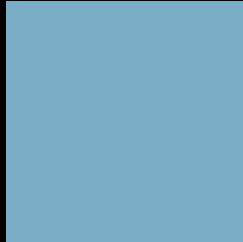
Large Text (above 18pt) WCAG AA × Fail

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 68, 21.118, 239.394 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 68, 21.118, 239.394

Background



This preview shows how black text looks on a background with the CIELCh color 68, 21.118, 239.394.



This preview shows how white text looks on a background with the CIELCh color 68, 21.118, 239.394.

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





Tritanopia
68, 19.594, 221.441

Trichromacy



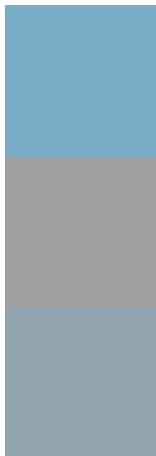
Original Color
68, 21.118, 239.394

Protanomaly
68, 16.297, 265.622

Deuteranomaly
68, 18.985, 273.367

Tritanomaly
68, 20.034, 228.064

Monochromacy



Original Color
68, 21.118, 239.394

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.347, 235.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 21.118, 239.394 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(121, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 198)  
}
```

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(121, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 21.118, 239.394 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(121, 173, 198) }
```

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

```
.border{ border-color:rgb(121, 173, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 21.118, 239.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 198) }
```

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

```
.background{ background-color: rgb(121,  
173, 198) }
```

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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