

Converting Colors

CIELCh(68, 15.527, 224.393)

Have a look what the booklet for
CIELCh(68, 15.527, 224.393)
contains.

CIELCh(68, 15.429, 226.253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 15.429, 226.253)

Conversions

Conversions Part 1

Format	Color
Hex	83ACB9
RGB	131, 172, 185
RGB Percent	51%, 67%, 73%
CMY	0.4852, 0.3244, 0.2734
CMYK	0.29, 0.07, 0.00, 0.27
HSL	194°, 28%, 62%
HSV	194°, 29%, 73%
XYZ	32.9940, 37.9720, 51.6443
YIQ	161.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

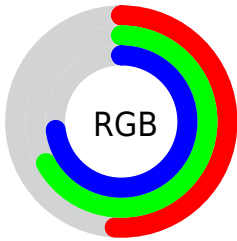
Format	Color
RYB	131, 154, 185
Decimal	8629433
CIELab	68.00, -10.67, -11.15
CIELCh	68, 15.429, 226.253
Yxy	37.9720, 0.2691, 0.3097
Android (android.graphics.Color)	4286819513 (0xFF83ACB9)
YUV	161.2230, 11.7221, -26.5056
Hunter-Lab	61.6215, -12.2633, -6.5553

Details

The CIELCh color **68, 15.429, 226.253** is a light color, and the websafe version is hex **669999**. A complement of this color would be **63, 18.675, 43.418**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 15.466, 226.987**, and **48, 15.582, 225.313** is the 20% darker color. If you saturate the color by 10%, you get **66, 19.974, 227.363**, and if you desaturate by 10%, it is **70, 10.453, 225.413**.

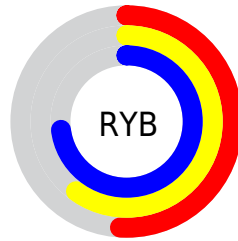
Distribution



Red (51%)

Green (67%)

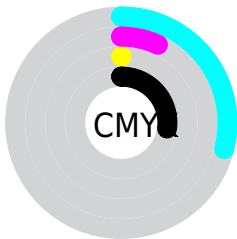
Blue (73%)



Red (51%)

Yellow (60%)

Blue (73%)

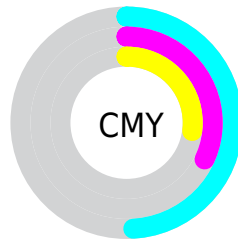


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (49%)


Magenta (32%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 15.429, 226.253 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, 15.429, 226.253 by changing the saturation by 10% instead.


 68, 15.429,
226.253


 68, 15.429,
226.253


 100, 15.429,
226.253


 58, 15.429,
226.253


 88, 15.429,
226.253

 48, 15.429,
226.253

 98, 15.429,
226.253

 38, 15.429,
226.253

 28, 15.429,
226.253

 18, 15.429,
226.253

 8, 15.429, 226.253

 0, 15.429, 226.253

68, 15.429,
226.253

68, 15.429,
226.253

66, 19.974,
227.363

70, 10.453,
225.413

64, 24.011,
228.820

73, 5.125, 224.826

75, 0.484, 43.224

61, 27.474,
230.700

78, 6.310, 43.842

60, 30.320,
233.091

81, 12.297, 43.645

58, 32.550,
236.081

84, 18.402, 43.501

86, 22.389, 45.647

56, 34.224,
239.734

87, 21.997, 52.709

55, 35.528,
243.963

88, 21.957, 59.904

55, 35.641,

Harmonies

Complementary

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



68, 15.429, 226.253



63, 18.675, 43.418

Rectangle

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



68, 15.429, 226.253



68, 15.429, 276.253



68, 15.429, 46.253



68, 15.429, 96.253

Sweetspot

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



68, 15.429, 226.248



92, 6.215, 224.826



71, 30.444, 149.502



48, 4.301, 224.894



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 15.429, 226.248



84, 22.321, 226.928



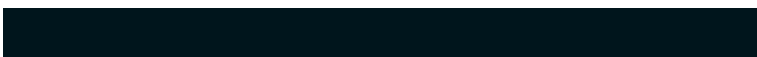
61, 22.684, 280.342



38, 3.149, 224.834



46, 31.222, 243.650



6, 8.520, 236.014

Inverse Universe

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



61, 30.472, 333.931



74, 44.977, 334.398



70, 22.336, 92.533



36, 5.842, 332.558



35, 66.565, 340.534



3, 14.814, 336.068

Previews

White Background



This preview shows how the CIE LCh color 68, 15.429, 226.253 looks on a white background.

Color Contrast Check

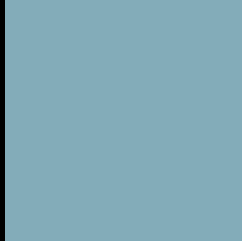
Large Text (above 18pt) WCAG AA × Fail

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 68, 15.429, 226.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

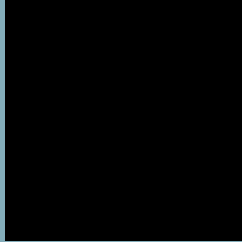
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

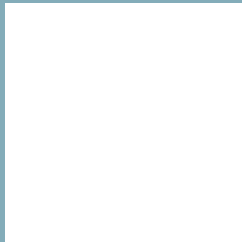
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 15.429, 226.253

Background



This preview shows how black text looks on a background with the CIELCh color 68, 15.429, 226.253.



This preview shows how white text looks on a background with the CIELCh color 68, 15.429, 226.253.

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

68, 15.429, 226.253

Protanopia

68, 8.827, 291.084

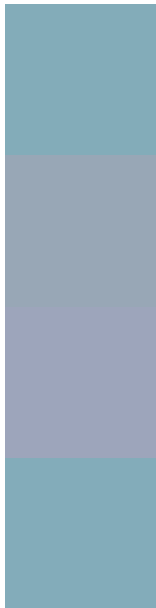
Deuteranopia

68, 15.394, 305.189



Tritanopia
68, 15.637, 228.178

Trichromacy



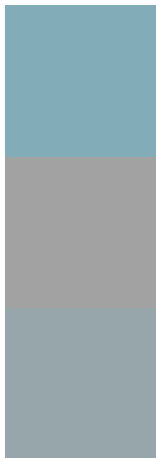
Original Color
68, 15.429, 226.253

Protanomaly
68, 9.720, 257.706

Deuteranomaly
68, 12.389, 278.210

Tritanomaly
68, 15.637, 228.178

Monochromacy



Original Color
68, 15.429, 226.253

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.880, 221.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 15.429, 226.253 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(131, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(131, 172, 185)  
}
```

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(131, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 172, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 15.429, 226.253 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(131, 172, 185) }
```

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

```
.border{ border-color:rgb(131, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(131, 172,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 15.429, 226.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 172, 185) }
```

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

```
.background{ background-color: rgb(131,  
172, 185) }
```

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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