

Converting Colors

CIELCh(68, 27.069, 263.117)

Have a look what the booklet for
CIELCh(68, 27.069, 263.117)
contains.

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Color

CIELCh(68, 27.069, 263.117)

Conversions

Conversions Part 1

Format	Color
Hex	7FAAD6
RGB	127, 170, 214
RGB Percent	50%, 67%, 84%
CMY	0.5031, 0.3344, 0.1620
CMYK	0.41, 0.21, 0.00, 0.16
HSL	210°, 51%, 67%
HSV	210°, 41%, 84%
XYZ	35.1299, 37.9720, 68.8957
YIQ	162.1590, -39.7520, 4.5680

Conversions

Conversions Part 2

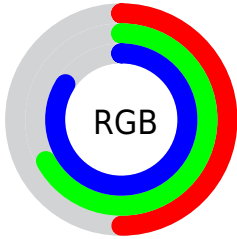
Format	Color
RYB	127, 156, 214
Decimal	8366806
CIELab	68.00, -3.24, -26.87
CIELCh	68, 27.069, 263.117
Yxy	37.9720, 0.2474, 0.2674
Android (android.graphics.Color)	4286556886 (0xFF7FAAD6)
YUV	162.1590, 25.5576, -30.8344
Hunter-Lab	61.6215, -6.0763, -23.1540

Details

The CIELCh color **68, 27.069, 263.117** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73, 30.284, 70.909**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 20.249, 249.919**, and **48, 26.989, 263.119** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.454, 265.751**, and if you desaturate by 10%, it is **72, 20.563, 260.898**.

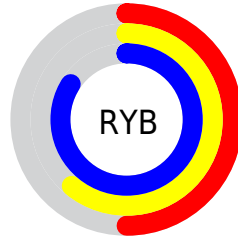
Distribution



Red (50%)

Green (67%)

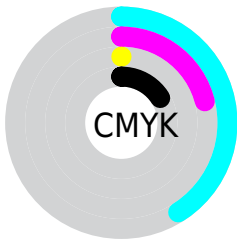
Blue (84%)



Red (50%)

Yellow (61%)

Blue (84%)

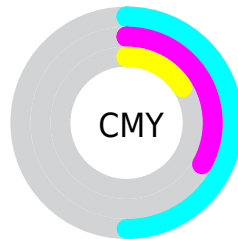


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (50%)


Magenta (33%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.069, 263.117 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, 27.069, 263.117 by changing the saturation by 10% instead.


 68, 27.069,
263.117


 68, 27.069,
263.117


 100, 27.069,
263.117


 58, 27.069,
263.117


 88, 27.069,
263.117

 48, 27.069,
263.117

 98, 27.069,
263.117

 38, 27.069,
263.117

 28, 27.069,
263.117

 18, 27.069,
263.117

 8, 27.069, 263.117

 0, 27.069, 263.117

68, 27.069,
263.117

68, 27.069,
263.117

64, 33.454,
265.751

72, 20.563,
260.898

60, 39.732,
268.855

77, 13.949,
259.039

56, 45.942,
272.452

81, 7.248, 257.492

52, 52.158,
276.513

85, 0.486, 256.896

90, 6.311, 74.919

49, 58.480,
280.929

94, 13.122, 73.983

46, 64.546,
285.086

97, 16.502, 96.378

99, 20.869,
108.597

Harmonies

Complementary

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



68, 27.069, 263.117



73, 30.284, 70.909

Rectangle

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



68, 27.069, 263.117



68, 27.069, 313.117



68, 27.069, 83.117



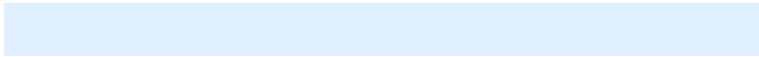
68, 27.069, 133.117

Sweetspot

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



68, 27.068, 263.116



94, 9.371, 257.693



79, 38.355, 159.607



49, 6.212, 257.885



0, 0.000, 0.000



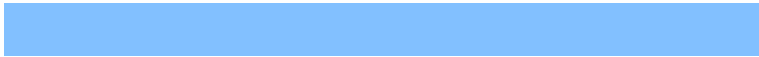
53, 0.007, 296.813

Same Dimension

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



68, 27.068, 263.116



76, 37.349, 265.408



57, 49.680, 295.683



43, 3.852, 257.316



37, 53.792, 284.339



7, 17.336, 273.450

Inverse Universe

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



64, 40.113, 348.062



70, 55.259, 349.297



84, 44.684, 106.272



42, 5.509, 344.700



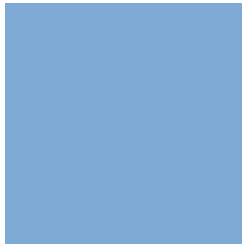
37, 62.750, 2.261



5, 23.473, 354.646

Previews

White Background



This preview shows how the CIELCh color 68, 27.069, 263.117 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, 27.069, 263.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

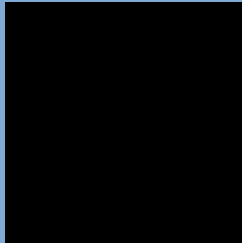
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.069, 263.117

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.069, 263.117.

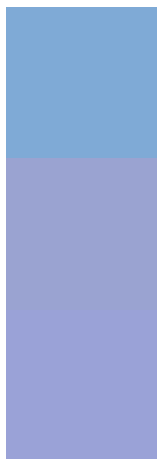


This preview shows how white text looks on a background with the CIELCh color 68, 27.069, 263.117.

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, 27.069, 263.117

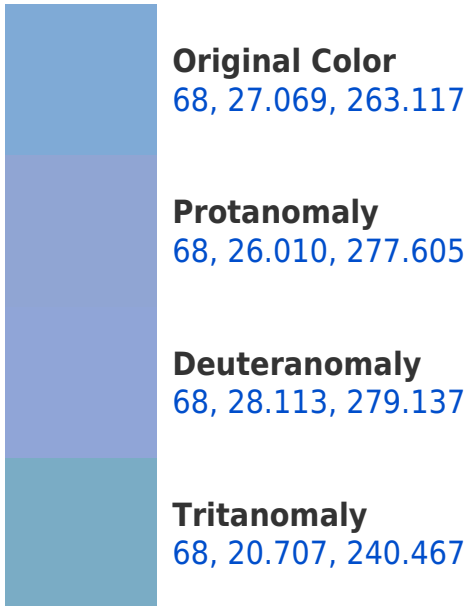
Protanopia
68, 25.461, 286.014

Deuteranopia
68, 29.280, 288.013

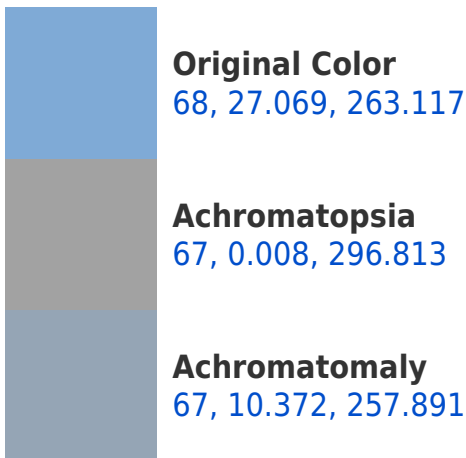


Tritanopia
68, 19.074, 222.152

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.069, 263.117 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(127, 170, 214)` looks like.

```
.text, #text, p{  
    color:rgb(127, 170, 214)  
}
```

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(127, 170, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 170, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.069, 263.117 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(127, 170, 214) }
```

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

```
.border{ border-color:rgb(127, 170, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 170, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 170, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 170, 214);  
box-shadow:4px 4px 4px 4px rgb(127, 170,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.069, 263.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 170, 214) }
```

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

```
.background{ background-color: rgb(127,  
170, 214) }
```

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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