

Converting Colors

CIELCh(68, 26.261, 270.655)

Have a look what the booklet for
CIELCh(68, 26.261, 270.655)
contains.

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Color

CIELCh(68, 26.261, 270.655)

Conversions

Conversions Part 1

Format	Color
Hex	89A8D5
RGB	137, 168, 213
RGB Percent	54%, 66%, 84%
CMY	0.4639, 0.3424, 0.1660
CMYK	0.36, 0.21, 0.00, 0.17
HSL	216°, 47%, 69%
HSV	216°, 36%, 83%
XYZ	36.1811, 37.9720, 68.1585
YIQ	163.8610, -32.9210, 7.4230

Conversions

Conversions Part 2

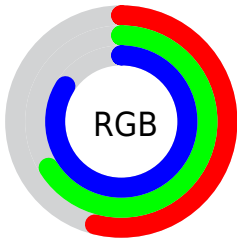
Format	Color
R_{YB}	137, 159, 213
Decimal	9021653
CIE _{Lab}	68.00, 0.30, -26.26
CIE _{LCh}	68, 26.261, 270.655
Yxy	37.9720, 0.2542, 0.2668
Android (android.graphics.Color)	4287211733 (0xFF89A8D5)
YUV	163.8610, 24.2255, -23.5571
Hunter-Lab	61.6215, -3.0310, -22.4447

Details

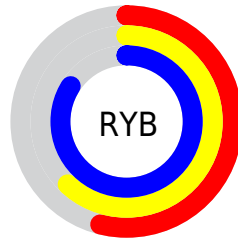
The CIELCh color **68, 26.261, 270.655** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **76, 27.474, 79.971**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.206, 260.040**, and **48, 26.228, 270.792** is the 20% darker color. If you saturate the color by 10%, you get **63, 33.681, 273.032**, and if you desaturate by 10%, it is **73, 18.870, 268.632**.

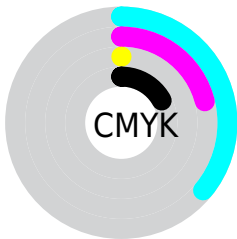
Distribution



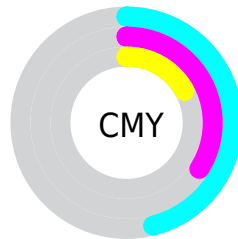
- Red (54%)
- Green (66%)
- Blue (84%)



- Red (54%)
- Yellow (62%)
- Blue (84%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)





- Cyan (46%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.261, 270.655 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, 26.261, 270.655 by changing the saturation by 10% instead.


 68, 26.261,
270.655


 68, 26.261,
270.655


 100, 26.261,
270.655


 58, 26.261,
270.655


 88, 26.261,
270.655

 48, 26.261,
270.655

 98, 26.261,
270.655

 38, 26.261,
270.655

 28, 26.261,
270.655

 18, 26.261,
270.655

 8, 26.261, 270.655

 0, 26.261, 270.655

68, 26.261,
270.655

68, 26.261,
270.655

63, 33.681,
273.032

73, 18.870,
268.632

59, 41.150,
275.810

78, 11.509,
266.919

54, 48.703,
279.012

82, 4.184, 265.497

50, 56.395,
282.617

87, 3.095, 84.064

92, 10.317, 83.049

46, 64.279,
286.537

96, 16.180, 93.252

42, 72.360,
290.596

99, 21.384,
108.558

41, 75.869,
292.242

Harmonies

Complementary

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



68, 26.261, 270.655



76, 27.474, 79.971

Rectangle

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



68, 26.261, 270.655



68, 26.261, 320.655



68, 26.261, 90.655



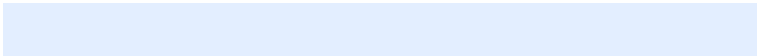
68, 26.261, 140.655

Sweetspot

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



68, 26.260, 270.654



94, 9.317, 266.224



80, 31.558, 164.825



49, 6.262, 266.424



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, 26.260, 270.654



76, 36.678, 272.456



60, 43.016, 297.382



43, 4.172, 265.985



32, 63.417, 291.602



5, 19.463, 280.173

Inverse Universe

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



66, 33.546, 352.759



73, 46.783, 353.898



83, 39.367, 110.463



42, 5.213, 349.722



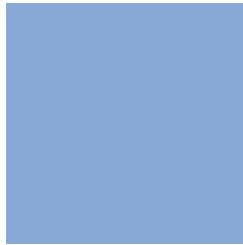
36, 62.710, 10.563



5, 22.781, 0.182

Previews

White Background



This preview shows how the CIELCh color 68, 26.261, 270.655 looks on a white background.

Color Contrast Check

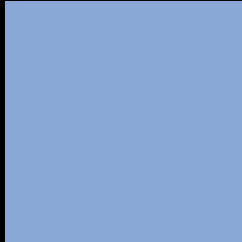
Large Text (above 18pt) WCAG AA × Fail

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, 26.261, 270.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

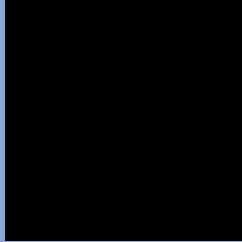
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

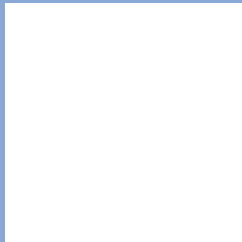
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 26.261, 270.655

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.261, 270.655.



This preview shows how white text looks on a background with the CIELCh color 68, 26.261, 270.655.

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, 26.261, 270.655

Protanopia

68, 25.465, 285.269

Deuteranopia

68, 28.697, 289.126



Tritanopia
68, 15.905, 227.612

Trichromacy



Original Color
68, 26.261, 270.655

Protanomaly
68, 25.757, 280.306

Deuteranomaly
68, 27.822, 282.902

Tritanomaly
68, 18.647, 249.324

Monochromacy



Original Color
68, 26.261, 270.655

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.078, 268.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.261, 270.655 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(137, 168, 213)` looks like.

```
.text, #text, p{  
    color:rgb(137, 168, 213)  
}
```

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(137, 168, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 168, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.261, 270.655 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(137, 168, 213) }
```

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

```
.border{ border-color:rgb(137, 168, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 168, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 168, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 168, 213); box-shadow:4px 4px 4px 4px rgb(137, 168, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.261, 270.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 168, 213) }
```

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

```
.background{ background-color: rgb(137,  
168, 213) }
```

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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