

Converting Colors

CIELCh(68, 26.135, 266.148)

Have a look what the booklet for
CIELCh(68, 26.135, 266.148)
contains.

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Color

CIELCh(68, 25.909, 265.810)

Conversions

Conversions Part 1

Format	Color
Hex	84A9D4
RGB	132, 169, 212
RGB Percent	52%, 66%, 83%
CMY	0.4828, 0.3377, 0.1691
CMYK	0.38, 0.20, 0.00, 0.17
HSL	212°, 48%, 67%
HSV	212°, 38%, 83%
XYZ	35.5281, 37.9720, 67.6583
YIQ	162.8390, -35.8550, 5.5290

Conversions

Conversions Part 2

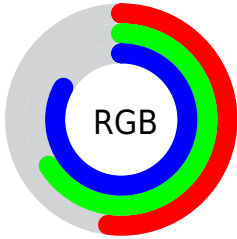
Format	Color
RYB	132, 157, 212
Decimal	8694228
CIELab	68.00, -1.89, -25.84
CIElCh	68, 25.909, 265.810
Yxy	37.9720, 0.2517, 0.2690
Android (android.graphics.Color)	4286884308 (0xFF84A9D4)
YUV	162.8390, 24.2364, -27.0458
Hunter-Lab	61.6215, -4.9225, -21.9635

Details

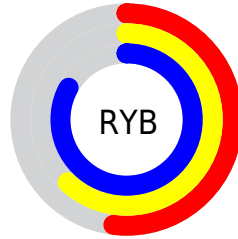
The CIELCh color **68, 25.909, 265.810** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **74, 28.120, 74.481**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.747, 254.456**, and **48, 25.775, 265.946** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.647, 268.307**, and if you desaturate by 10%, it is **72, 19.108, 263.697**.

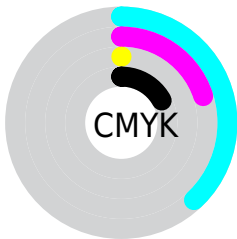
Distribution



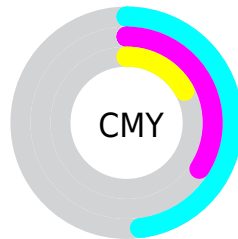
- Red (52%)
- Green (66%)
- Blue (83%)



- Red (52%)
- Yellow (62%)
- Blue (83%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)





- Cyan (48%)
- Magenta (34%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.909, 265.810 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, 25.909, 265.810 by changing the saturation by 10% instead.


 68, 25.909,
265.810


 68, 25.909,
265.810


 100, 25.909,
265.810


 58, 25.909,
265.810


 88, 25.909,
265.810

 48, 25.909,
265.810

 98, 25.909,
265.810

 38, 25.909,
265.810

 28, 25.909,
265.810

 18, 25.909,
265.810

 8, 25.909, 265.810

 0, 25.909, 265.810

68, 25.909,
265.810

68, 25.909,
265.810

64, 32.647,
268.307

72, 19.108,
263.697

59, 39.336,
271.243

77, 12.255,
261.920

55, 46.010,
274.642

81, 5.365, 260.443

51, 52.732,
278.487

86, 1.543, 78.859

90, 8.448, 77.944

48, 59.585,
282.685

95, 14.577, 82.033

44, 66.636,
287.030

97, 18.789,
101.439

43, 68.257,
287.951

99, 21.789,
108.527

Harmonies

Complementary

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



68, 25.909, 265.810



74, 28.120, 74.481

Rectangle

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



68, 25.909, 265.810



68, 25.909, 315.810



68, 25.909, 85.810



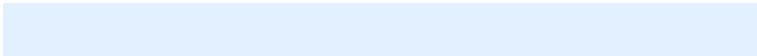
68, 25.909, 135.810

Sweetspot

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



68, 25.908, 265.809



94, 8.837, 260.904



79, 34.517, 161.744



50, 5.936, 261.103



0, 0.000, 0.000



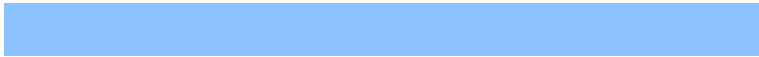
53, 0.007, 296.813

Same Dimension

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



68, 25.908, 265.809



77, 35.785, 267.701



58, 45.475, 296.151



43, 3.959, 260.667



35, 57.257, 287.263



6, 18.128, 276.235

Inverse Universe

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



64, 36.348, 349.595



72, 50.171, 350.678



83, 41.309, 108.054



42, 5.395, 346.485



36, 62.555, 5.296



5, 23.182, 356.747

Previews

White Background



This preview shows how the CIELCh color 68, 25.909, 265.810 looks on a white background.

Color Contrast Check

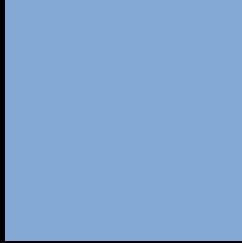
Large Text (above 18pt) WCAG AA × Fail

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, 25.909, 265.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

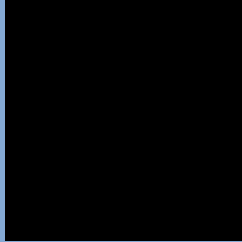
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

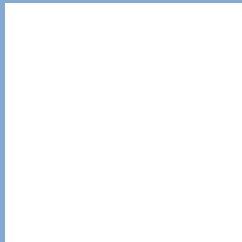
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 25.909, 265.810

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.909, 265.810.

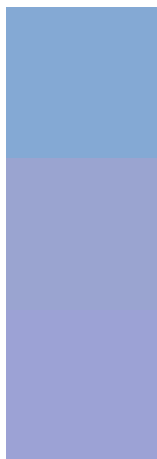


This preview shows how white text looks on a background with the CIELCh color 68, 25.909, 265.810.

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, 25.909, 265.810

Protanopia

68, 24.380, 284.786

Deuteranopia

68, 28.151, 288.987



Tritanopia
68, 17.233, 225.056

Trichromacy



Original Color
68, 25.909, 265.810

Protanomaly
68, 24.342, 276.991

Deuteranomaly
68, 26.877, 280.327

Tritanomaly
68, 19.126, 242.580

Monochromacy



Original Color
68, 25.909, 265.810

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.869, 263.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.909, 265.810 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(132, 169, 212)` looks like.

```
.text, #text, p{  
    color:rgb(132, 169, 212)  
}
```

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(132, 169, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 169, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.909, 265.810 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(132, 169, 212) }
```

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

```
.border{ border-color:rgb(132, 169, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 169, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 169, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 169, 212); box-shadow:4px 4px 4px 4px rgb(132, 169, 212) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.909, 265.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 169, 212) }
```

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

```
.background{ background-color: rgb(132,  
169, 212) }
```

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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