

Converting Colors

CIELCh(68, 33.719, 261.415)

Have a look what the booklet for
CIELCh(68, 33.719, 261.415)
contains.

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Color

CIELCh(68, 33.719, 261.415)

Conversions

Conversions Part 1

Format	Color
Hex	6DABE1
RGB	109, 171, 225
RGB Percent	43%, 67%, 88%
CMY	0.5712, 0.3282, 0.1163
CMYK	0.51, 0.24, 0.00, 0.12
HSL	208°, 66%, 66%
HSV	208°, 51%, 88%
XYZ	34.6069, 37.9720, 76.9777
YIQ	158.6180, -54.2860, 3.6500

Conversions

Conversions Part 2

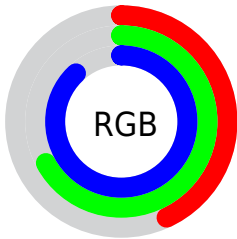
Format	Color
RYB	109, 149, 225
Decimal	7187425
CIELab	68.00, -5.03, -33.34
CIELCh	68, 33.719, 261.415
Yxy	37.9720, 0.2314, 0.2539
Android (android.graphics.Color)	4285377505 (0xFF6DABE1)
YUV	158.6180, 32.7263, -43.5150
Hunter-Lab	61.6215, -7.5911, -30.9302

Details

The CIELCh color **68, 33.719, 261.415** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72, 40.594, 65.522**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 23.529, 238.948**, and **48, 33.500, 261.060** is the 20% darker color. If you saturate the color by 10%, you get **64, 39.698, 264.585**, and if you desaturate by 10%, it is **72, 27.537, 258.746**.

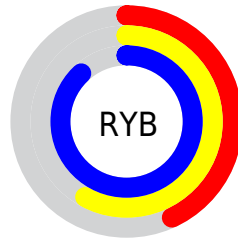
Distribution



Red (43%)

Green (67%)

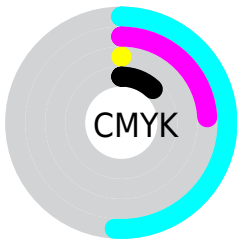
Blue (88%)



Red (43%)

Yellow (58%)

Blue (88%)

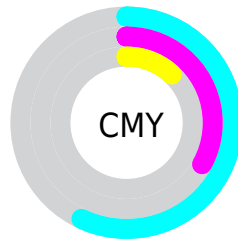


Cyan (51%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (57%)


Magenta (33%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 33.719, 261.415 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, 33.719, 261.415 by changing the saturation by 10% instead.


 68, 33.719,
261.415


 68, 33.719,
261.415


 100, 33.719,
261.415


 58, 33.719,
261.415


 88, 33.719,
261.415

 48, 33.719,
261.415

 98, 33.719,
261.415

 38, 33.719,
261.415

 28, 33.719,
261.415

 18, 33.719,
261.415

 8, 33.719, 261.415

 0, 33.719, 261.415

68, 33.719,
261.415

68, 33.719,
261.415

64, 39.698,
264.585

72, 27.537,
258.746

60, 45.515,
268.289

76, 21.152,
256.518

57, 51.254,
272.506

80, 14.582,
254.667

53, 57.037,
277.127

85, 7.861, 253.140

51, 62.118,
281.146

89, 1.024, 252.206

93, 5.896, 70.614

97, 10.573, 88.707

99, 15.009,
109.043

Harmonies

Complementary

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



68, 33.719, 261.415



72, 40.594, 65.522

Rectangle

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



68, 33.719, 261.415



68, 33.719, 311.415



68, 33.719, 81.415



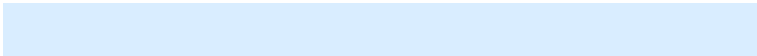
68, 33.719, 131.415

Sweetspot

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



68, 33.718, 261.415



93, 11.326, 253.658



82, 51.869, 155.672



49, 7.713, 253.980



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, 33.718, 261.415



72, 44.201, 264.914



53, 63.468, 296.004



45, 3.883, 252.869



40, 50.837, 280.308



9, 17.907, 270.737

Inverse Universe

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



62, 53.436, 347.186



64, 69.085, 348.943



86, 55.599, 102.923



44, 5.881, 342.571



38, 64.655, 358.628



6, 26.808, 352.185

Previews

White Background



This preview shows how the CIE LCh color 68, 33.719, 261.415 looks on a white background.

Color Contrast Check

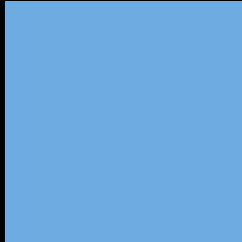
Large Text (above 18pt) WCAG AA × Fail

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, 33.719, 261.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

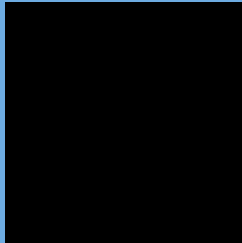
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 33.719, 261.415

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.719, 261.415.

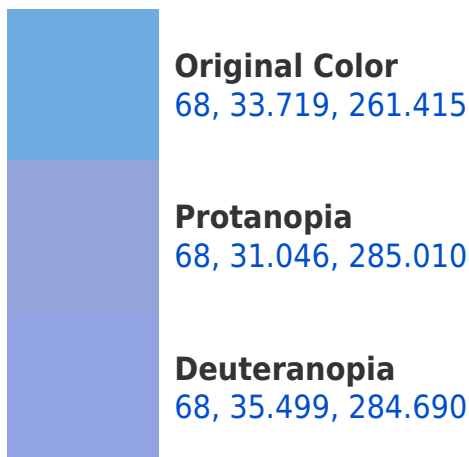


This preview shows how white text looks on a background with the CIELCh color 68, 33.719, 261.415.

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](#).

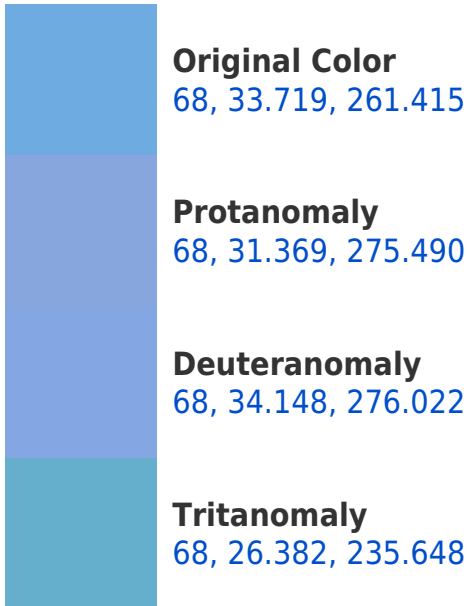
Dichromacy



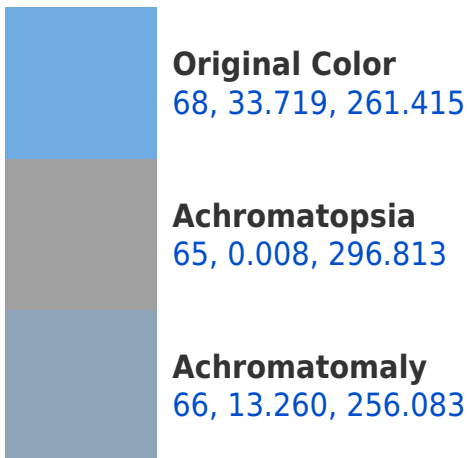


Tritanopia
68, 25.267, 216.897

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 33.719, 261.415 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(109, 171, 225)` looks like.

```
.text, #text, p{  
    color:rgb(109, 171, 225)  
}
```

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(109, 171, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 171, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.719, 261.415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

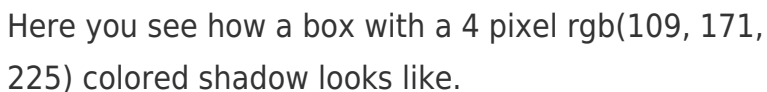
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 171, 225) }
```

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

```
.border{ border-color:rgb(109, 171, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 171, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 171, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 171, 225); box-shadow:4px 4px 4px 4px rgb(109, 171, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.719, 261.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 171, 225) }
```

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

```
.background{ background-color: rgb(109,  
171, 225) }
```

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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