

Converting Colors

CIELCh(68, 34.305, 261.790)

Have a look what the booklet for
CIELCh(68, 34.305, 261.790)
contains.

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Color

CIELCh(68, 34.264, 261.682)

Conversions

Conversions Part 1

Format	Color
Hex	6CABE2
RGB	108, 171, 226
RGB Percent	42%, 67%, 89%
CMY	0.5751, 0.3281, 0.1123
CMYK	0.52, 0.24, 0.00, 0.11
HSL	208°, 67%, 66%
HSV	208°, 52%, 89%
XYZ	34.6292, 37.9720, 77.7089
YIQ	158.4330, -55.2030, 3.7490

Conversions

Conversions Part 2

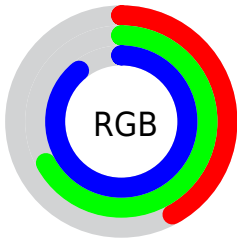
Format	Color
RYB	108, 149, 226
Decimal	7121890
CIELab	68.00, -4.96, -33.90
CIELCh	68, 34.264, 261.682
Yxy	37.9720, 0.2304, 0.2526
Android (android.graphics.Color)	4285311970 (0xFF6CABE2)
YUV	158.4330, 33.3105, -44.2297
Hunter-Lab	61.6215, -7.5266, -31.6338

Details

The CIELCh color **68, 34.264, 261.682** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72, 41.331, 65.503**, 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, 34.089, 261.329** is the 20% darker color. If you saturate the color by 10%, you get **64, 40.260, 264.888**, and if you desaturate by 10%, it is **72, 28.066, 258.980**.

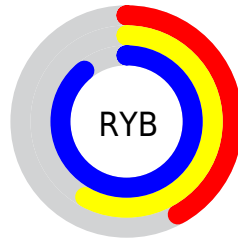
Distribution



Red (42%)

Green (67%)

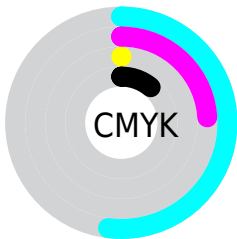
Blue (89%)



Red (42%)

Yellow (58%)

Blue (89%)

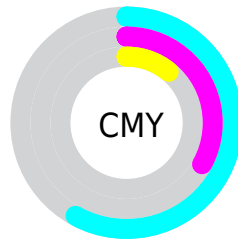


Cyan (52%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (58%)


Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 34.264, 261.682 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, 34.264, 261.682 by changing the saturation by 10% instead.

 68, 34.264,
261.682

 68, 34.264,
261.682


 100, 34.264,
261.682


 58, 34.264,
261.682


 88, 34.264,
261.682

 48, 34.264,
261.682

 98, 34.264,
261.682

 38, 34.264,
261.682

 28, 34.264,
261.682

 18, 34.264,
261.682

 8, 34.264, 261.682

 0, 34.264, 261.682

68, 34.264,
261.682

68, 34.264,
261.682

64, 40.260,
264.888

72, 28.066,
258.980

60, 46.100,
268.628

76, 21.665,
256.724

57, 51.871,
272.877

80, 15.078,
254.848

53, 57.695,
277.518

85, 8.337, 253.300

89, 1.478, 252.223

51, 62.423,
281.225

93, 5.464, 70.741

97, 10.237, 89.023

99, 14.495,
109.082

Harmonies

Complementary

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



68, 34.264, 261.682



72, 41.331, 65.503

Rectangle

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



68, 34.264, 261.682



68, 34.264, 311.682



68, 34.264, 81.682



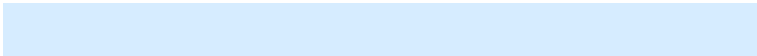
68, 34.264, 131.682

Sweetspot

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



68, 34.263, 261.682



92, 12.075, 253.879



82, 52.651, 155.576



48, 8.138, 254.200



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, 34.263, 261.682



71, 44.887, 265.340



53, 64.595, 296.149



45, 3.885, 252.937



40, 50.899, 280.374



9, 17.925, 270.808

Inverse Universe

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



62, 54.223, 347.319



64, 69.922, 349.162



86, 56.446, 102.860



44, 5.878, 342.602



38, 64.645, 358.683



6, 26.801, 352.229

Previews

White Background



This preview shows how the CIELCh color 68, 34.264, 261.682 looks on a white background.

Color Contrast Check

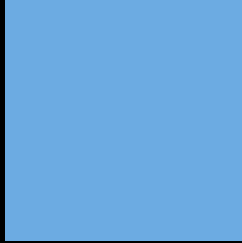
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 34.264, 261.682 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, 34.264, 261.682

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.264, 261.682.

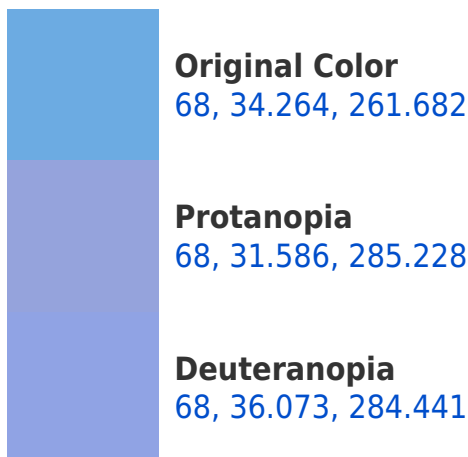


This preview shows how white text looks on a background with the CIELCh color 68, 34.264, 261.682.

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, 25.867, 215.061

Trichromacy



Original Color
68, 34.264, 261.682

Protanomaly
68, 31.956, 275.399

Deuteranomaly
68, 34.730, 275.956

Tritanomaly
68, 26.703, 233.548

Monochromacy



Original Color
68, 34.264, 261.682

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.260, 256.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.264, 261.682 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(108, 171, 226)` looks like.

```
.text, #text, p{  
    color:rgb(108, 171, 226)  
}
```

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(108, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 171, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.264, 261.682 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(108, 171, 226) }
```

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

```
.border{ border-color:rgb(108, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 171, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 171, 226);  
box-shadow:4px 4px 4px 4px rgb(108, 171,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.264, 261.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 171, 226) }
```

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

```
.background{ background-color: rgb(108,  
171, 226) }
```

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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