

Converting Colors

CIELCh(68, 27.545, 235.116)

Have a look what the booklet for
CIELCh(68, 27.545, 235.116)
contains.

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Color

CIELCh(68, 27.541, 235.167)

Conversions

Conversions Part 1

Format	Color
Hex	62B0CE
RGB	98, 176, 206
RGB Percent	38%, 69%, 81%
CMY	0.6168, 0.3108, 0.1932
CMYK	0.52, 0.15, 0.00, 0.19
HSL	197°, 52%, 60%
HSV	197°, 52%, 81%
XYZ	31.5885, 37.9720, 63.8851
YIQ	156.0980, -56.1180, -7.2060

Conversions

Conversions Part 2

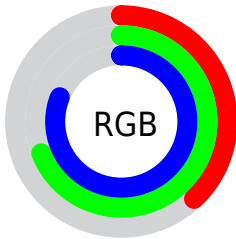
Format	Color
R _Y B	98, 143, 206
Decimal	6467790
CIE Lab	68.00, -15.73, -22.61
CIE LCh	68, 27.541, 235.167
Yxy	37.9720, 0.2367, 0.2846
Android (android.graphics.Color)	4284657870 (0xFF62B0CE)
YUV	156.0980, 24.6017, -50.9519
Hunter-Lab	61.6215, -16.3347, -18.3330

Details

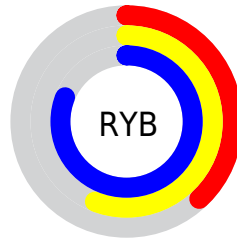
The CIELCh color **68, 27.541, 235.167** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **61, 39.605, 46.904**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.896, 225.935**, and **48, 27.610, 236.282** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.246, 237.582**, and if you desaturate by 10%, it is **71, 23.250, 233.254**.

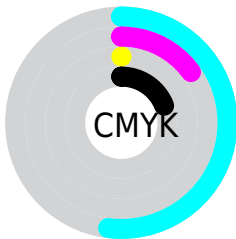
Distribution



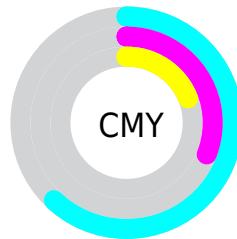
- Red (38%)
- Green (69%)
- Blue (81%)



- Red (38%)
- Yellow (56%)
- Blue (81%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)





- Cyan (62%)
- Magenta (31%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.541, 235.167 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, 27.541, 235.167 by changing the saturation by 10% instead.


 68, 27.541,
235.167


 68, 27.541,
235.167


 100, 27.541,
235.167


 58, 27.541,
235.167


 88, 27.541,
235.167

 48, 27.541,
235.167

 98, 27.541,
235.167

 38, 27.541,
235.167

 28, 27.541,
235.167

 18, 27.541,
235.167

 8, 27.541, 235.167

 0, 27.541, 235.167

68, 27.541,
235.167

68, 27.541,
235.167

66, 31.246,
237.582

71, 23.250,
233.254

63, 34.348,
240.594

73, 18.430,
231.756

61, 36.887,
244.277

76, 13.153,
230.596

59, 38.971,
248.651

79, 7.495, 229.717

58, 40.403,
252.231

82, 1.533, 229.288

85, 4.666, 48.291

88, 11.045, 47.944

91, 15.093, 52.483

92, 15.280, 65.856

Harmonies

Complementary

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



68, 27.541, 235.167



61, 39.605, 46.904

Rectangle

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



68, 27.541, 235.167



68, 27.541, 285.167



68, 27.541, 55.167



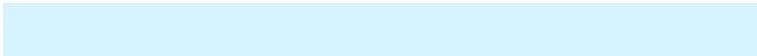
68, 27.541, 105.167

Sweetspot

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



68, 27.540, 235.166



94, 11.320, 230.011



75, 56.963, 148.013



50, 7.602, 230.192



0, 0.000, 0.000



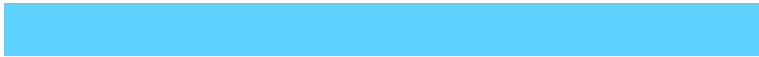
53, 0.007, 296.813

Same Dimension

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



68, 27.540, 235.166



80, 37.243, 237.934



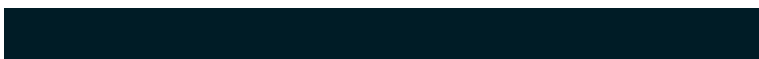
53, 47.969, 287.498



42, 3.402, 229.501



47, 34.205, 251.397



9, 11.927, 240.070

Inverse Universe

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



57, 56.657, 337.380



65, 78.003, 338.468



74, 45.140, 91.849



40, 6.207, 333.992



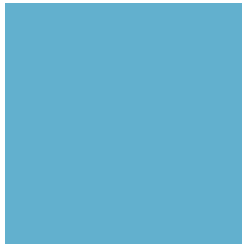
37, 67.946, 343.112



5, 23.142, 339.463

Previews

White Background



This preview shows how the CIE LCh color 68, 27.541, 235.167 looks on a white background.

Color Contrast Check

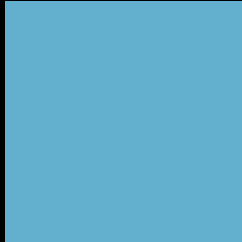
Large Text (above 18pt) WCAG AA × Fail

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, 27.541, 235.167 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, 27.541, 235.167

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.541, 235.167.



This preview shows how white text looks on a background with the CIELCh color 68, 27.541, 235.167.

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, 26.518, 214.574

Trichromacy



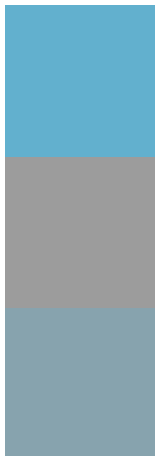
Original Color
68, 27.541, 235.167

Protanomaly
68, 20.173, 260.513

Deuteranomaly
68, 24.313, 268.287

Tritanomaly
68, 26.437, 222.537

Monochromacy



Original Color
68, 27.541, 235.167

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.440, 231.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.541, 235.167 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(98, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(98, 176, 206)  
}
```

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(98, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 176, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.541, 235.167 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(98, 176, 206) }
```

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

```
.border{ border-color:rgb(98, 176, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(98, 176,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.541, 235.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 176, 206) }
```

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

```
.background{ background-color: rgb(98, 176,  
206) }
```

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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