

Converting Colors

CIELCh(68, 37.915, 247.647)

Have a look what the booklet for
CIELCh(68, 37.915, 247.647)
contains.

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Color

CIELCh(68, 37.909, 247.679)

Conversions

Conversions Part 1

Format	Color
Hex	43B0E4
RGB	67, 176, 228
RGB Percent	26%, 69%, 89%
CMY	0.7358, 0.3088, 0.1048
CMYK	0.70, 0.23, 0.00, 0.10
HSL	199°, 75%, 58%
HSV	199°, 70%, 90%
XYZ	31.9547, 37.9720, 79.2383
YIQ	149.3370, -81.6560, -6.9360

Conversions

Conversions Part 2

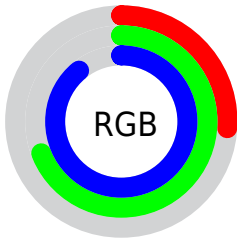
Format	Color
R _Y B	67, 132, 228
Decimal	4436196
CIE Lab	68.00, -14.40, -35.07
CIE LCh	68, 37.909, 247.679
Yxy	37.9720, 0.2142, 0.2546
Android (android.graphics.Color)	4282626276 (0xFF43B0E4)
YUV	149.3370, 38.7809, -72.2095
Hunter-Lab	61.6215, -15.2737, -33.1053

Details

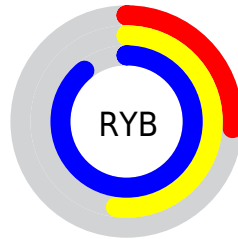
The CIELCh color **68, 37.909, 247.679** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **62, 60.460, 50.662**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.715, 221.016**, and **49, 35.259, 251.825** is the 20% darker color. If you saturate the color by 10%, you get **65, 41.335, 251.643**, and if you desaturate by 10%, it is **71, 33.985, 244.388**.

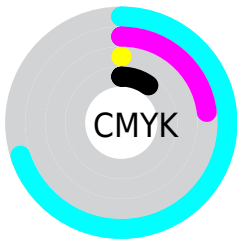
Distribution



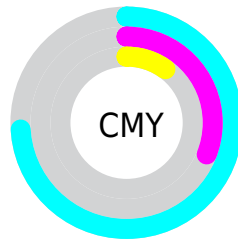
- Red (26%)
- Green (69%)
- Blue (89%)



- Red (26%)
- Yellow (52%)
- Blue (89%)



- Cyan (70%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (74%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 37.909, 247.679 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, 37.909, 247.679 by changing the saturation by 10% instead.

■ 68, 37.909,
247.679

■ 68, 37.909,
247.679

■ 100, 37.909,
247.679

■ 58, 37.909,
247.679

■ 88, 37.909,
247.679

■ 48, 37.909,
247.679

■ 98, 37.909,
247.679

■ 38, 37.909,
247.679

■ 28, 37.909,
247.679

■ 18, 37.909,
247.679

■ 8, 37.909, 247.679

■ 0, 37.909, 247.679

68, 37.909,
247.679

68, 37.909,
247.679

65, 41.335,
251.643

71, 33.985,
244.388

63, 44.392,
256.274

74, 29.518,
241.709

61, 47.173,
261.096

77, 24.515,
239.556

80, 19.026,
237.840

84, 13.117,
236.482

87, 6.861, 235.428

91, 0.330, 236.127

94, 6.414, 53.700

Harmonies

Complementary

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



68, 37.909, 247.679



62, 60.460, 50.662

Rectangle

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



68, 37.909, 247.679



68, 37.909, 297.679



68, 37.909, 67.679



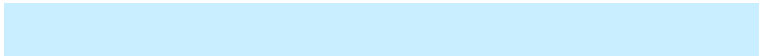
68, 37.909, 117.679

Sweetspot

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



68, 37.908, 247.679



92, 14.685, 236.559



81, 76.714, 147.023



48, 9.873, 236.910



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, 37.908, 247.679



71, 46.655, 253.893



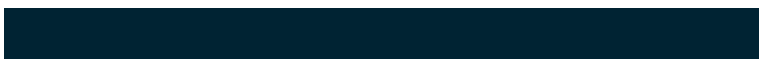
46, 77.251, 295.167



46, 3.739, 235.338



48, 38.892, 260.187



12, 15.108, 250.869

Inverse Universe

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



56, 74.946, 341.687



58, 89.139, 344.011



81, 66.401, 92.988



45, 6.621, 335.870



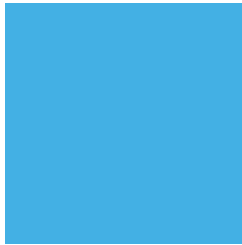
39, 69.657, 346.574



7, 30.108, 342.935

Previews

White Background



This preview shows how the CIE LCh color 68, 37.909, 247.679 looks on a white background.

Color Contrast Check

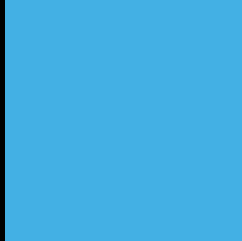
Large Text (above 18pt) WCAG AA × Fail

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, 37.909, 247.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

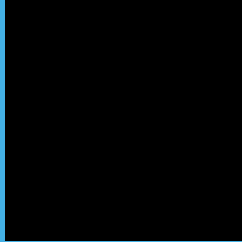
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

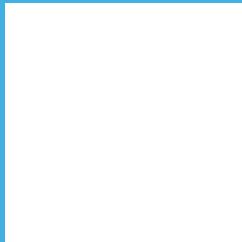
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 37.909, 247.679

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.909, 247.679.

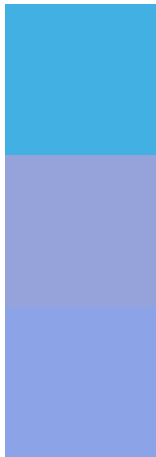


This preview shows how white text looks on a background with the CIELCh color 68, 37.909, 247.679.

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, 37.909, 247.679

Protanopia
68, 30.506, 284.787

Deuteranopia
68, 37.796, 283.777



Tritanopia
68, 34.954, 210.713

Trichromacy



Original Color
68, 37.909, 247.679

Protanomaly
67, 32.416, 266.604

Deuteranomaly
67, 36.670, 268.815

Tritanomaly
68, 34.458, 224.139

Monochromacy



Original Color
68, 37.909, 247.679

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 16.489, 236.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.909, 247.679 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(67, 176, 228)` looks like.

```
.text, #text, p{  
    color:rgb(67, 176, 228)  
}
```

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(67, 176, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 176, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.909, 247.679 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(67, 176, 228) }
```

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

```
.border{ border-color:rgb(67, 176, 228) }
```

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

Here you see how a box with a 4 pixel rgb(67, 176, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 176, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 176, 228);  
box-shadow:4px 4px 4px 4px rgb(67, 176,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.909, 247.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 176, 228) }
```

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

```
.background{ background-color: rgb(67, 176,  
228) }
```

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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