

Converting Colors

CIELCh(69, 32.699, 243.342)

Have a look what the booklet for
CIELCh(69, 32.699, 243.342)
contains.

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Color

CIELCh(69, 32.834, 243.098)

Conversions

Conversions Part 1

Format	Color
Hex	58B3DD
RGB	88, 179, 221
RGB Percent	35%, 70%, 87%
CMY	0.6566, 0.2995, 0.1349
CMYK	0.60, 0.19, 0.00, 0.13
HSL	199°, 66%, 60%
HSV	199°, 60%, 87%
XYZ	33.0286, 39.3444, 73.9890
YIQ	156.5790, -67.7180, -6.2300

Conversions

Conversions Part 2

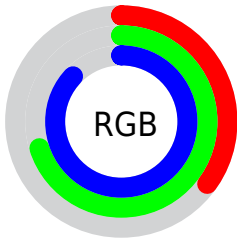
Format	Color
R_{YB}	88, 142, 221
Decimal	5813213
CIE _{Lab}	69.00, -14.86, -29.28
CIE _{LCh}	69, 32.834, 243.098
Y _{xy}	39.3444, 0.2257, 0.2688
Android (android.graphics.Color)	4284003293 (0xFF58B3DD)
YUV	156.5790, 31.7596, -60.1438
Hunter-Lab	62.7251, -15.7779, -26.0295

Details

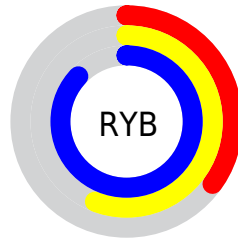
The CIELCh color **69, 32.834, 243.098** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **63, 48.857, 50.268**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.757, 220.144**, and **49, 32.799, 243.960** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.585, 246.310**, and if you desaturate by 10%, it is **72, 28.532, 240.491**.

Distribution



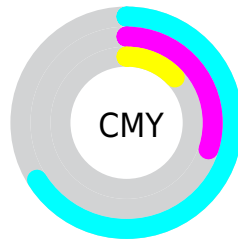
- Red (35%)
- Green (70%)
- Blue (87%)



- Red (35%)
- Yellow (56%)
- Blue (87%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)





- Cyan (66%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.834, 243.098 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 69, 32.834, 243.098 by changing the saturation by 10% instead.

 69, 32.834,
243.098


 69, 32.834,
243.098


 100, 32.834,
243.098


 59, 32.834,
243.098


 89, 32.834,
243.098

 49, 32.834,
243.098

 99, 32.834,
243.098

 39, 32.834,
243.098

 29, 32.834,
243.098

 19, 32.834,
243.098

 9, 32.834, 243.098

 0, 32.834, 243.098

69, 32.834,
243.098

69, 32.834,
243.098

66, 36.585,
246.310

72, 28.532,
240.491

64, 39.832,
250.193

75, 23.696,
238.402

61, 42.689,
254.752

78, 18.375,
236.742

59, 45.308,
259.617

81, 12.638,
235.433

84, 6.557, 234.423

88, 0.202, 236.162

91, 6.365, 52.763

94, 10.365, 62.318

96, 11.694, 83.766

Harmonies

Complementary

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



69, 32.834, 243.098



63, 48.857, 50.268

Rectangle

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



69, 32.834, 243.098



69, 32.834, 293.098



69, 32.834, 63.098



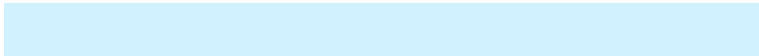
69, 32.834, 113.098

Sweetspot

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



69, 32.833, 243.098



93, 12.665, 235.190



79, 66.432, 148.077



49, 8.740, 235.523



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 32.833, 243.098



75, 41.688, 247.135



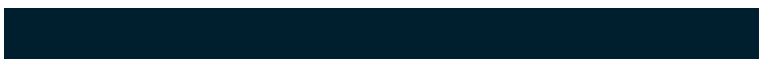
51, 61.785, 291.435



44, 3.601, 234.350



47, 37.527, 258.704



11, 13.923, 248.311

Inverse Universe

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



58, 65.620, 340.017



62, 83.229, 341.520



79, 55.841, 93.130



43, 6.413, 335.542



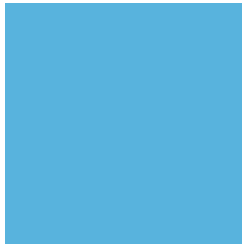
38, 68.523, 345.939



6, 27.740, 342.149

Previews

White Background



This preview shows how the CIELCh color 69, 32.834, 243.098 looks on a white background.

Color Contrast Check

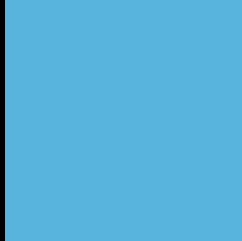
Large Text (above 18pt) WCAG AA × Fail

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 69, 32.834, 243.098 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 69, 32.834, 243.098

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.834, 243.098.



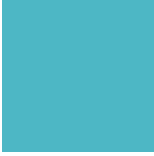
This preview shows how white text looks on a background with the CIELCh color 69, 32.834, 243.098.

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](#).

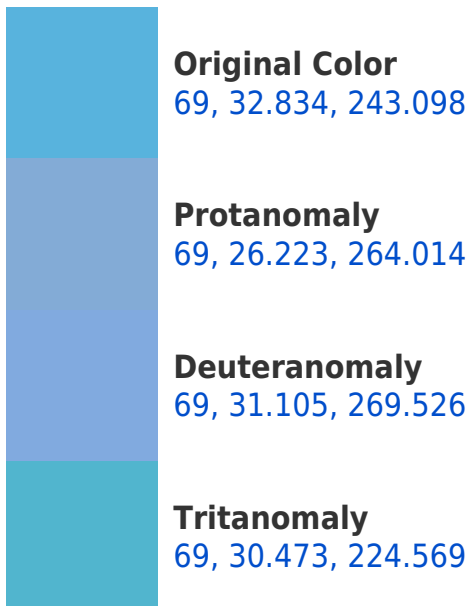
Dichromacy



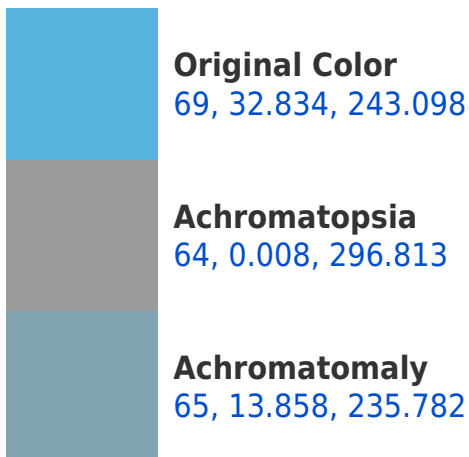


Tritanopia
69, 30.707, 211.855

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.834, 243.098 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(88, 179, 221)` looks like.

```
.text, #text, p{  
    color:rgb(88, 179, 221)  
}
```

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(88, 179, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 179, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.834, 243.098 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(88, 179, 221) }
```

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

```
.border{ border-color:rgb(88, 179, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 179, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 179, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 179, 221);  
box-shadow:4px 4px 4px 4px rgb(88, 179,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.834, 243.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 179, 221) }
```

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

```
.background{ background-color: rgb(88, 179,  
221) }
```

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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