

Converting Colors

CIELCh(69, 33.658, 252.194)

Have a look what the booklet for
CIELCh(69, 33.658, 252.194)
contains.

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Color

CIELCh(69, 33.619, 252.089)

Conversions

Conversions Part 1

Format	Color
Hex	62B1E2
RGB	98, 177, 226
RGB Percent	38%, 69%, 89%
CMY	0.6173, 0.3073, 0.1152
CMYK	0.57, 0.22, 0.00, 0.12
HSL	203°, 69%, 63%
HSV	203°, 57%, 88%
XYZ	34.3183, 39.3444, 77.4617
YIQ	158.9650, -62.8130, -1.5090

Conversions

Conversions Part 2

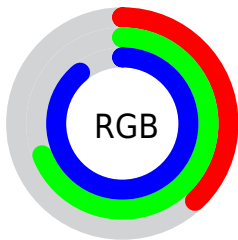
Format	Color
R_{YB}	98, 147, 226
Decimal	6468066
CIE _{Lab}	69.00, -10.34, -31.99
CIE _{LCh}	69, 33.619, 252.089
Yxy	39.3444, 0.2271, 0.2603
Android (android.graphics.Color)	4284658146 (0xFF62B1E2)
YUV	158.9650, 33.0483, -53.4663
Hunter-Lab	62.7251, -12.1077, -29.3119

Details

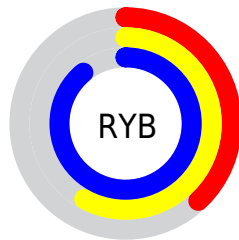
The CIELCh color **69, 33.619, 252.089** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **68, 45.478, 56.746**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.495, 225.057**, and **49, 33.336, 251.051** is the 20% darker color. If you saturate the color by 10%, you get **66, 38.367, 255.424**, and if you desaturate by 10%, it is **72, 28.476, 249.329**.

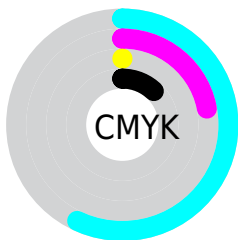
Distribution



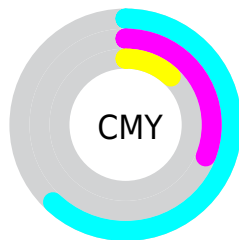
- Red (38%)
- Green (69%)
- Blue (89%)



- Red (38%)
- Yellow (58%)
- Blue (89%)



- Cyan (57%)
- Magenta (22%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 33.619, 252.089 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, 33.619, 252.089 by changing the saturation by 10% instead.

■ 69, 33.619,
252.089

■ 69, 33.619,
252.089

■ 100, 33.619,
252.089

■ 59, 33.619,
252.089

■ 89, 33.619,
252.089

■ 49, 33.619,
252.089

■ 99, 33.619,
252.089

■ 39, 33.619,
252.089

■ 29, 33.619,
252.089

■ 19, 33.619,
252.089

■ 9, 33.619, 252.089

■ 0, 33.619, 252.089

69, 33.619,
252.089

69, 33.619,
252.089

66, 38.367,
255.424

72, 28.476,
249.329

63, 42.767,
259.381

76, 22.946,
247.071

60, 46.927,
263.940

80, 17.063,
245.235

57, 51.014,
268.969

83, 10.879,
243.749

56, 52.388,
270.591

87, 4.451, 242.588

91, 2.169, 61.239

95, 8.782, 61.419

97, 10.760, 90.971

99, 14.533,

Harmonies

Complementary

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



69, 33.619, 252.089



68, 45.478, 56.746

Rectangle

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



69, 33.619, 252.089



69, 33.619, 302.089



69, 33.619, 72.089



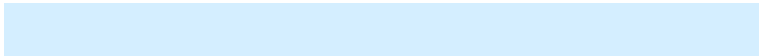
69, 33.619, 122.089

Sweetspot

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



69, 33.618, 252.089



93, 12.193, 243.799



81, 60.757, 151.211



49, 8.127, 244.076



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, 33.618, 252.089



73, 42.941, 256.060



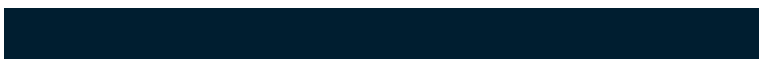
52, 64.083, 293.759



45, 3.717, 242.864



44, 42.964, 269.674



10, 15.719, 259.618

Inverse Universe

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



60, 61.041, 343.146



62, 77.200, 344.816



83, 56.703, 97.816



44, 6.231, 338.495



38, 66.739, 351.301



7, 27.960, 346.446

Previews

White Background



This preview shows how the CIELCh color 69, 33.619, 252.089 looks on a white background.

Color Contrast Check

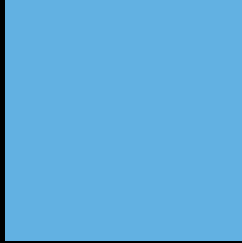
Large Text (above 18pt) WCAG AA × Fail

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, 33.619, 252.089 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

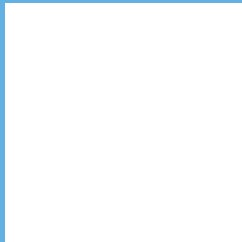
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 33.619, 252.089

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.619, 252.089.



This preview shows how white text looks on a background with the CIELCh color 69, 33.619, 252.089.

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, 28.871, 214.108

Trichromacy



Original Color
69, 33.619, 252.089

Protanomaly
69, 29.260, 269.932

Deuteranomaly
69, 33.421, 272.856

Tritanomaly
69, 29.072, 228.674

Monochromacy



Original Color
69, 33.619, 252.089

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.641, 246.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.619, 252.089 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, 177, 226)` looks like.

```
.text, #text, p{  
    color:rgb(98, 177, 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(98, 177, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 177, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.619, 252.089 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, 177, 226) }
```

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

```
.border{ border-color:rgb(98, 177, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 177, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 177, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 177, 226);  
box-shadow:4px 4px 4px 4px rgb(98, 177,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.619, 252.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 177, 226) }
```

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

```
.background{ background-color: rgb(98, 177,  
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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