

Converting Colors

CIELCh(69, 33.638, 280.166)

Have a look what the booklet for
CIELCh(69, 33.638, 280.166)
contains.

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Color

CIELCh(69, 33.516, 280.152)

Conversions

Conversions Part 1

Format	Color
Hex	8FA8E4
RGB	143, 168, 228
RGB Percent	56%, 66%, 89%
CMY	0.4400, 0.3419, 0.1067
CMYK	0.37, 0.26, 0.00, 0.11
HSL	222°, 61%, 73%
HSV	222°, 37%, 89%
XYZ	39.2339, 39.3444, 78.7726
YIQ	167.3650, -34.1600, 13.3600

Conversions

Conversions Part 2

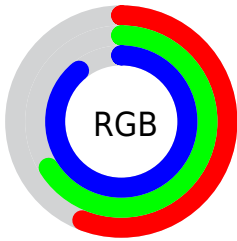
Format	Color
RYB	143, 162, 228
Decimal	9414884
CIELab	69.00, 5.91, -32.99
CIElCh	69, 33.516, 280.152
Yxy	39.3444, 0.2493, 0.2500
Android (android.graphics.Color)	4287604964 (0xFF8FA8E4)
YUV	167.3650, 29.8931, -21.3681
Hunter-Lab	62.7251, 1.8810, -30.5511

Details

The CIELCh color `69, 33.516, 280.152` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 33.152, 89.358`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 18.234, 266.056`, and `49, 33.461, 280.258` is the 20% darker color. If you saturate the color by 10%, you get `63, 42.988, 282.448`, and if you desaturate by 10%, it is `75, 24.269, 278.184`.

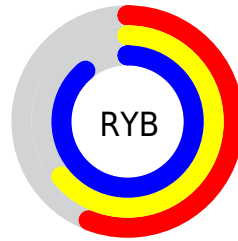
Distribution



Red (56%)

Green (66%)

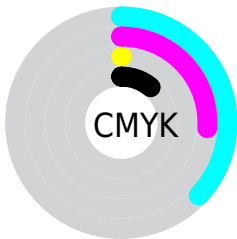
Blue (89%)



Red (56%)

Yellow (64%)

Blue (89%)

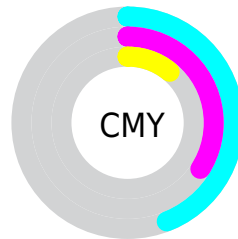


Cyan (37%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (44%)


Magenta (34%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.516, 280.152 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, 33.516, 280.152 by changing the saturation by 10% instead.


 69, 33.516,
280.152


 69, 33.516,
280.152


 100, 33.516,
280.152


 59, 33.516,
280.152


 89, 33.516,
280.152

 49, 33.516,
280.152


 99, 33.516,
280.152

 39, 33.516,
280.152

 29, 33.516,
280.152

 19, 33.516,
280.152

 9, 33.516, 280.152

 0, 33.516, 280.152

■ 69, 33.516,
280.152

■ 69, 33.516,
280.152

■ 63, 42.988,
282.448

■ 75, 24.269,
278.184

■ 58, 52.722,
285.101

■ 81, 15.225,
276.506

■ 52, 62.751,
288.110

■ 86, 6.370, 275.086

■ 47, 73.073,
291.415

■ 92, 2.307, 93.708

■ 98, 10.652, 95.931

■ 42, 83.576,
294.878

■ 99, 13.768,
109.137

■ 38, 93.935,
298.264

■ 37, 96.641,
299.091

Harmonies

Complementary

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



69, 33.516, 280.152



82, 33.152, 89.358

Rectangle

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



69, 33.516, 280.152



69, 33.516, 330.152



69, 33.516, 100.152



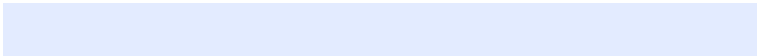
69, 33.516, 150.152

Sweetspot

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



69, 33.515, 280.152



93, 10.539, 275.589



85, 31.713, 172.139



49, 7.090, 275.781



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, 33.515, 280.152



72, 44.700, 281.953



64, 47.861, 301.276



45, 4.988, 275.369



29, 79.235, 298.553



5, 26.630, 289.444

Inverse Universe

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



69, 35.411, 0.813



72, 47.035, 2.213



88, 43.866, 115.438



45, 5.181, 357.207



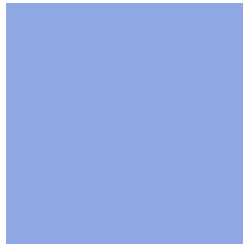
37, 67.227, 21.477



7, 26.653, 8.822

Previews

White Background



This preview shows how the CIELCh color 69, 33.516, 280.152 looks on a white background.

Color Contrast Check

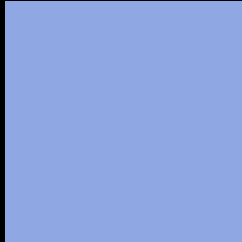
Large Text (above 18pt) WCAG AA × Fail

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, 33.516, 280.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

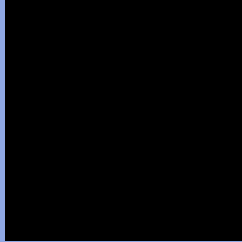
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

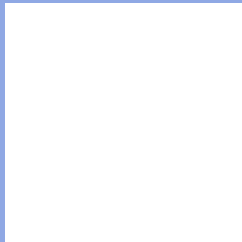
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 33.516, 280.152

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.516, 280.152.



This preview shows how white text looks on a background with the CIELCh color 69, 33.516, 280.152.

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

69, 33.516, 280.152

Protanopia

69, 33.134, 285.247

Deuteranopia

69, 34.243, 285.153



Tritanopia
69, 15.881, 227.565

Trichromacy



Original Color
69, 33.516, 280.152

Protanomaly
69, 33.254, 283.164

Deuteranomaly
69, 33.831, 282.911

Tritanomaly
69, 20.129, 257.159

Monochromacy



Original Color
69, 33.516, 280.152

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.438, 276.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.516, 280.152 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(143, 168, 228)` looks like.

```
.text, #text, p{  
    color:rgb(143, 168, 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(143, 168, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 168, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.516, 280.152 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(143, 168, 228) }
```

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

```
.border{ border-color:rgb(143, 168, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 168, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 168, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 168, 228); box-shadow:4px 4px 4px 4px rgb(143, 168, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.516, 280.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 168, 228) }
```

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

```
.background{ background-color: rgb(143,  
168, 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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