

Converting Colors

CIELCh(69, 24.300, 271.375)

Have a look what the booklet for
CIELCh(69, 24.300, 271.375)
contains.

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Color

CIELCh(69, 24.329, 271.476)

Conversions

Conversions Part 1

Format	Color
Hex	8FAAD4
RGB	143, 170, 212
RGB Percent	56%, 67%, 83%
CMY	0.4392, 0.3333, 0.1686
CMYK	0.33, 0.20, 0.00, 0.17
HSL	217°, 45%, 70%
HSV	217°, 33%, 83%
XYZ	37.5879, 39.3444, 67.9028
YIQ	166.7150, -29.5740, 7.3380

Conversions

Conversions Part 2

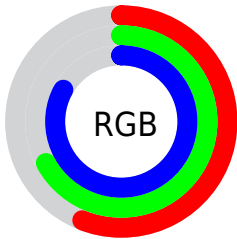
Format	Color
R _Y B	143, 162, 212
Decimal	9415380
CIE Lab	69.00, 0.63, -24.32
CIE LCh	69, 24.329, 271.476
Yxy	39.3444, 0.2595, 0.2716
Android (android.graphics.Color)	4287605460 (0xFF8FAAD4)
YUV	166.7150, 22.3255, -20.7981
Hunter-Lab	62.7251, -2.8032, -20.2766

Details

The CIELCh color `69, 24.329, 271.476` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `76, 25.140, 81.933`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 17.712, 261.582`, and `49, 24.220, 271.133` is the 20% darker color. If you saturate the color by 10%, you get `64, 31.918, 273.717`, and if you desaturate by 10%, it is `74, 16.793, 269.567`.

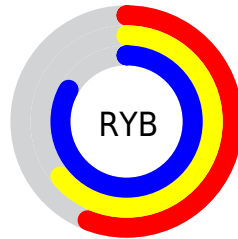
Distribution



Red (56%)

Green (67%)

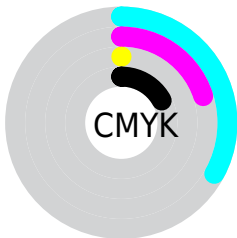
Blue (83%)



Red (56%)

Yellow (64%)

Blue (83%)

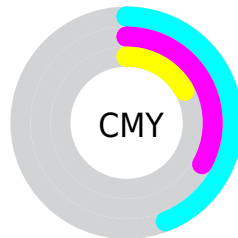


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (44%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.329, 271.476 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, 24.329, 271.476 by changing the saturation by 10% instead.

■ 69, 24.329,
271.476

■ 69, 24.329,
271.476

■ 100, 24.329,
271.476

■ 59, 24.329,
271.476

■ 89, 24.329,
271.476

■ 49, 24.329,
271.476

■ 99, 24.329,
271.476

■ 39, 24.329,
271.476

■ 29, 24.329,
271.476

■ 19, 24.329,
271.476

■ 9, 24.329, 271.476

■ 0, 24.329, 271.476

69, 24.329,
271.476

69, 24.329,
271.476

64, 31.918,
273.717

74, 16.793,
269.567

59, 39.579,
276.340

79, 9.311, 267.951

84, 1.888, 266.682

55, 47.340,
279.372

89, 5.469, 85.274

50, 55.251,
282.808

93, 12.750, 84.269

46, 63.360,
286.577

97, 18.218, 99.888

99, 21.722,
108.532

42, 71.674,
290.531

39, 77.967,
293.394

Harmonies

Complementary

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



69, 24.329, 271.476



76, 25.140, 81.933

Rectangle

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



69, 24.329, 271.476



69, 24.329, 321.476



69, 24.329, 91.476



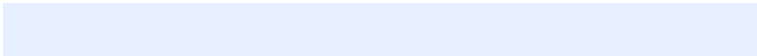
69, 24.329, 141.476

Sweetspot

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



69, 24.328, 271.475



94, 8.615, 267.599



80, 28.427, 166.197



50, 5.880, 267.802



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, 24.328, 271.475



78, 33.949, 272.976



62, 38.845, 297.479



42, 4.243, 267.504



32, 65.337, 292.779



5, 19.861, 281.201

Inverse Universe

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



67, 30.186, 353.410



75, 42.135, 354.385



83, 35.905, 111.456



42, 5.161, 350.759



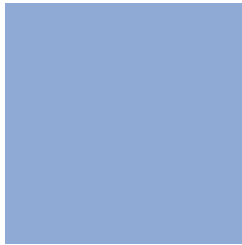
36, 62.882, 12.175



5, 22.680, 1.186

Previews

White Background



This preview shows how the CIELCh color 69, 24.329, 271.476 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 CIE LCh color 69, 24.329, 271.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

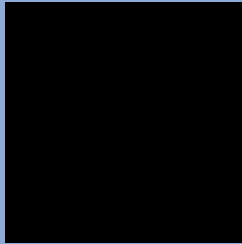
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

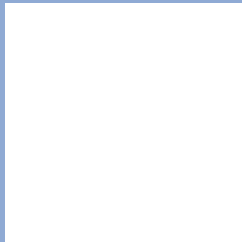
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 24.329, 271.476

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.329, 271.476.



This preview shows how white text looks on a background with the CIELCh color 69, 24.329, 271.476.

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, 24.329, 271.476

Protanopia

69, 23.720, 286.064

Deuteranopia

69, 26.395, 289.910



Tritanopia
69, 14.284, 231.334

Trichromacy



Original Color
69, 24.329, 271.476

Protanomaly
69, 23.940, 281.397

Deuteranomaly
69, 25.500, 283.057

Tritanomaly
69, 16.873, 250.521

Monochromacy



Original Color
69, 24.329, 271.476

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.917, 267.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.329, 271.476 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, 170, 212)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 212)  
}
```

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, 170, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.329, 271.476 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, 170, 212) }
```

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

```
.border{ border-color:rgb(143, 170, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 170, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 212);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.329, 271.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 212) }
```

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

```
.background{ background-color: rgb(143,  
170, 212) }
```

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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