

Converting Colors

CIELCh(69, 30.147, 284.641)

Have a look what the booklet for
CIELCh(69, 30.147, 284.641)
contains.

CIELCh(69, 30.409, 284.713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 30.409, 284.713)

Conversions

Conversions Part 1

Format	Color
Hex	98A6DD
RGB	152, 166, 221
RGB Percent	60%, 65%, 87%
CMY	0.4026, 0.3477, 0.1319
CMYK	0.31, 0.25, 0.00, 0.13
HSL	228°, 51%, 73%
HSV	228°, 31%, 87%
XYZ	39.8107, 39.3444, 74.1547
YIQ	168.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

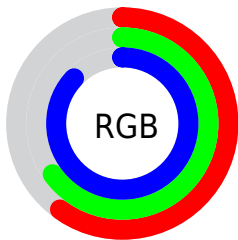
Format	Color
R _{YB}	152, 164, 221
Decimal	10004189
CIE _{Lab}	69.00, 7.72, -29.41
CIE _{LCh}	69, 30.409, 284.713
Y _{xy}	39.3444, 0.2597, 0.2566
Android (android.graphics.Color)	4288194269 (0xFF98A6DD)
Y _{UV}	168.0840, 26.0876, -14.1057
Hunter-Lab	62.7251, 3.5225, -26.1861

Details

The CIELCh color `69, 30.409, 284.713` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `83, 29.331, 96.569`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 18.156, 277.941`, and `49, 30.739, 285.125` is the 20% darker color. If you saturate the color by 10%, you get `63, 40.805, 286.671`, and if you desaturate by 10%, it is `75, 20.344, 283.037`.

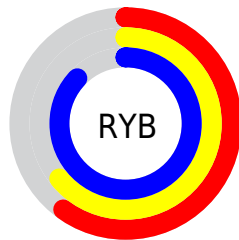
Distribution



Red (60%)

Green (65%)

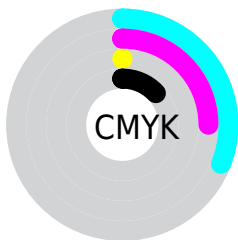
Blue (87%)



Red (60%)

Yellow (64%)

Blue (87%)

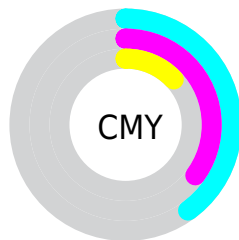


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 30.409, 284.713 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, 30.409, 284.713 by changing the saturation by 10% instead.

■ 69, 30.409,
284.713

■ 69, 30.409,
284.713

■ 100, 30.409,
284.713

■ 59, 30.409,
284.713

■ 89, 30.409,
284.713

■ 49, 30.409,
284.713

■ 99, 30.409,
284.713

■ 39, 30.409,
284.713

■ 29, 30.409,
284.713

■ 19, 30.409,
284.713

■ 9, 30.409, 284.713

■ 0, 30.409, 284.713

■ 69, 30.409,
284.713

■ 69, 30.409,
284.713

■ 63, 40.805,
286.671

■ 75, 20.344,
283.037

■ 57, 51.568,
288.942

■ 81, 10.586,
281.611

■ 51, 62.715,
291.531

■ 88, 1.108, 280.521

■ 45, 74.203,
294.396

■ 94, 8.107, 99.289

■ 40, 85.826,
297.415

■ 99, 16.805,
108.379

■ 35, 97.056,
300.370

■ 99, 17.013,
108.891

■ 32, 105.923,
302.653

Harmonies

Complementary

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



69, 30.409, 284.713



83, 29.331, 96.569

Rectangle

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



69, 30.409, 284.713



69, 30.409, 334.713



69, 30.409, 104.713



69, 30.409, 154.713

Sweetspot

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



69, 30.408, 284.712



94, 9.534, 281.340



83, 24.789, 179.023



49, 6.638, 281.528



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, 30.408, 284.712



74, 40.867, 285.874



67, 38.867, 303.388



43, 5.323, 281.386



24, 87.033, 302.225



4, 25.494, 290.055

Inverse Universe

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



70, 27.975, 6.569



76, 37.661, 7.544



85, 36.441, 119.312



43, 4.799, 3.857



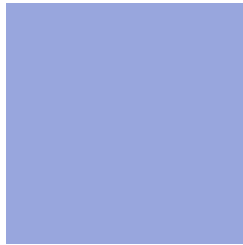
36, 69.306, 28.964



5, 23.746, 11.503

Previews

White Background



This preview shows how the CIELCh color 69, 30.409, 284.713 looks on a white background.

Color Contrast Check

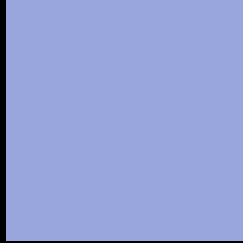
Large Text (above 18pt) WCAG AA × Fail

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, 30.409, 284.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

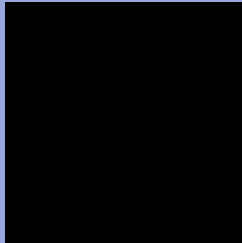
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 30.409, 284.713

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.409, 284.713.



This preview shows how white text looks on a background with the CIELCh color 69, 30.409, 284.713.

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, 30.409, 284.713

Protanopia

69, 30.374, 285.293

Deuteranopia

69, 31.401, 287.423



Tritanopia
69, 12.202, 238.035

Trichromacy



Original Color
69, 30.409, 284.713

Protanomaly
69, 30.374, 285.293

Deuteranomaly
69, 31.427, 286.856

Tritanomaly
69, 16.984, 264.453

Monochromacy



Original Color
69, 30.409, 284.713

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 11.106, 282.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.409, 284.713 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(152, 166, 221)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 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(152, 166, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.409, 284.713 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(152, 166, 221) }
```

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

```
.border{ border-color:rgb(152, 166, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 221);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.409, 284.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 221) }
```

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

```
.background{ background-color: rgb(152,  
166, 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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