

Converting Colors

CIELCh(69, 18.226, 289.426)

Have a look what the booklet for
CIELCh(69, 18.226, 289.426)
contains.

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Color

CIELCh(69, 18.146, 289.803)

Conversions

Conversions Part 1

Format	Color
Hex	A4A6C7
RGB	164, 166, 199
RGB Percent	64%, 65%, 78%
CMY	0.3564, 0.3486, 0.2192
CMYK	0.18, 0.17, 0.00, 0.22
HSL	237°, 24%, 71%
HSV	237°, 18%, 78%
XYZ	39.3099, 39.3444, 59.6233
YIQ	169.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

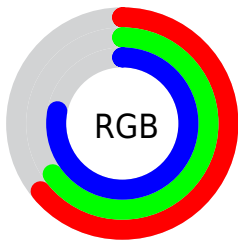
Format	Color
RYB	164, 166, 199
Decimal	10790599
CIELab	69.00, 6.15, -17.07
CIELCh	69, 18.146, 289.803
Yxy	39.3444, 0.2843, 0.2845
Android (android.graphics.Color)	4288980679 (0xFFA4A6C7)
YUV	169.1640, 14.7091, -4.5288
Hunter-Lab	62.7251, 2.0971, -12.4505

Details

The CIELCh color `69, 18.146, 289.803` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 17.515, 106.014`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 17.734, 289.455`, and `49, 18.233, 290.284` is the 20% darker color. If you saturate the color by 10%, you get `63, 29.028, 291.222`, and if you desaturate by 10%, it is `75, 7.681, 288.597`.

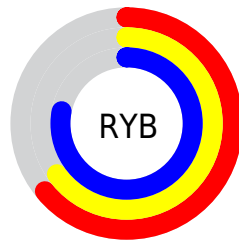
Distribution



Red (64%)

Green (65%)

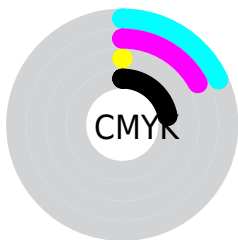
Blue (78%)



Red (64%)

Yellow (65%)

Blue (78%)

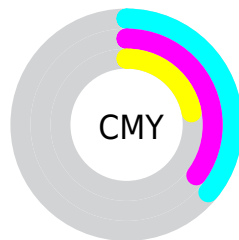


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (36%)


Magenta (35%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.146, 289.803 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, 18.146, 289.803 by changing the saturation by 10% instead.

 69, 18.146,
289.803


 69, 18.146,
289.803


 100, 18.146,
289.803


 59, 18.146,
289.803


 89, 18.146,
289.803

 49, 18.146,
289.803

 99, 18.146,
289.803

 39, 18.146,
289.803

 29, 18.146,
289.803

 19, 18.146,
289.803

 9, 18.146, 289.803

 0, 18.146, 289.803

69, 18.146,
289.803

69, 18.146,
289.803

63, 29.028,
291.222

75, 7.681, 288.597

56, 40.363,
292.888

82, 2.396, 107.518

50, 52.166,
294.818

88, 12.115,
106.668

44, 64.395,
297.003

94, 21.501,
105.916

38, 76.852,
299.373

99, 28.177,
108.037

32, 88.985,
301.764

28, 99.667,
303.895

25, 107.300,

305.429

■ 25, 108.569,
305.659

Harmonies

Complementary

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



69, 18.146, 289.803



79, 17.515, 106.014

Rectangle

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



69, 18.146, 289.803



69, 18.146, 339.803



69, 18.146, 109.803



69, 18.146, 159.803

Sweetspot

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



69, 18.144, 289.801



96, 6.169, 288.328



78, 12.395, 192.687



51, 4.213, 288.403



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, 18.144, 289.801



84, 26.687, 290.304



70, 20.045, 307.584



39, 5.760, 288.798



19, 93.104, 305.491



2, 20.641, 290.272

Inverse Universe

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



71, 13.687, 16.078



86, 20.247, 16.472



78, 19.504, 125.870



39, 4.285, 15.297



34, 72.382, 37.420



3, 15.917, 16.441

Previews

White Background



This preview shows how the CIELCh color 69, 18.146, 289.803 looks on a white background.

Color Contrast Check

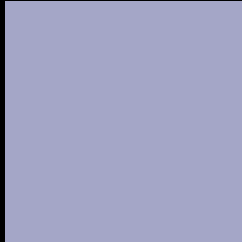
Large Text (above 18pt) WCAG AA × Fail

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, 18.146, 289.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

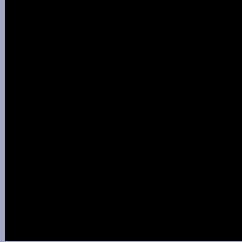
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.146, 289.803

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.146, 289.803.



This preview shows how white text looks on a background with the CIELCh color 69, 18.146, 289.803.

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

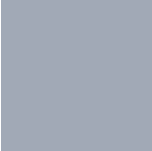
69, 18.146, 289.803

Protanopia

69, 18.174, 286.546

Deuteranopia

69, 19.384, 297.261



Tritanopia
69, 7.644, 268.703

Trichromacy



Original Color
69, 18.146, 289.803

Protanomaly
69, 18.152, 287.623

Deuteranomaly
69, 18.736, 294.173

Tritanomaly
69, 11.148, 280.241

Monochromacy



Original Color
69, 18.146, 289.803

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.598, 287.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.146, 289.803 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(164, 166, 199)` looks like.

```
.text, #text, p{  
    color:rgb(164, 166, 199)  
}
```

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(164, 166, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 166, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.146, 289.803 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(164, 166, 199) }
```

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

```
.border{ border-color:rgb(164, 166, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 166, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 166, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 166, 199);  
box-shadow:4px 4px 4px 4px rgb(164, 166,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.146, 289.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 166, 199) }
```

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

```
.background{ background-color: rgb(164,  
166, 199) }
```

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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