

Converting Colors

CIELCh(69, 17.782, 274.547)

Have a look what the booklet for
CIELCh(69, 17.782, 274.547)
contains.

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Color

CIELCh(69, 17.713, 273.998)

Conversions

Conversions Part 1

Format	Color
Hex	99A9C8
RGB	153, 169, 200
RGB Percent	60%, 66%, 78%
CMY	0.3998, 0.3370, 0.2155
CMYK	0.23, 0.15, 0.00, 0.22
HSL	220°, 30%, 69%
HSV	220°, 23%, 78%
XYZ	37.7751, 39.3444, 60.2783
YIQ	167.7500, -19.4870, 6.2490

Conversions

Conversions Part 2

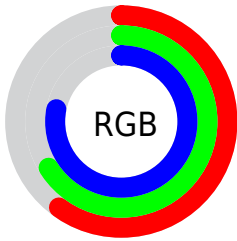
Format	Color
R_{YB}	153, 165, 200
Decimal	10070472
CIE Lab	69.00, 1.23, -17.67
CIE LCh	69, 17.713, 273.998
Yxy	39.3444, 0.2749, 0.2864
Android (android.graphics.Color)	4288260552 (0xFF99A9C8)
YUV	167.7500, 15.8993, -12.9358
Hunter-Lab	62.7251, -2.2704, -13.0696

Details

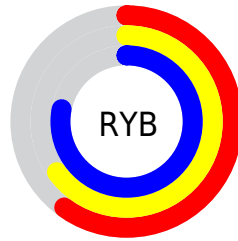
The CIELCh color `69, 17.713, 273.998` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 17.841, 87.557`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 16.863, 273.195`, and `49, 17.733, 273.992` is the 20% darker color. If you saturate the color by 10%, you get `64, 25.440, 275.877`, and if you desaturate by 10%, it is `74, 10.101, 272.393`.

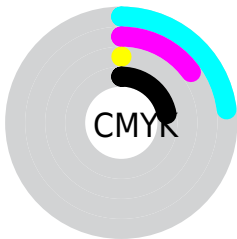
Distribution



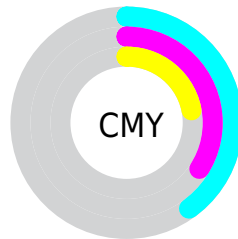
- Red (60%)
- Green (66%)
- Blue (78%)



- Red (60%)
- Yellow (65%)
- Blue (78%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.713, 273.998 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, 17.713, 273.998 by changing the saturation by 10% instead.

■ 69, 17.713,
273.998

■ 69, 17.713,
273.998

■ 100, 17.713,
273.998

■ 59, 17.713,
273.998

■ 89, 17.713,
273.998

■ 49, 17.713,
273.998

■ 99, 17.713,
273.998

■ 39, 17.713,
273.998

■ 29, 17.713,
273.998

■ 19, 17.713,
273.998

■ 9, 17.713, 273.998

■ 0, 17.713, 273.998

69, 17.713,
273.998

69, 17.713,
273.998

64, 25.440,
275.877

74, 10.101,
272.393

59, 33.295,
278.080

79, 2.602, 271.081

84, 4.784, 89.744

54, 41.301,
280.641

89, 12.056, 88.744

50, 49.490,
283.583

94, 19.210, 87.852

45, 57.900,
286.883

97, 24.560,
102.294

41, 66.536,
290.456

99, 27.708,
108.073

37, 75.318,
294.135

35, 81.020,

296.402

Harmonies

Complementary

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



69, 17.713, 273.998



75, 17.841, 87.557

Rectangle

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



69, 17.713, 273.998



69, 17.713, 323.998



69, 17.713, 93.998



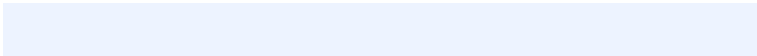
69, 17.713, 143.998

Sweetspot

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



69, 17.712, 273.995



96, 6.355, 271.508



77, 19.077, 170.356



51, 4.131, 271.587



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, 17.712, 273.995



83, 25.799, 274.881



65, 26.320, 298.101



39, 4.213, 271.810



28, 68.577, 295.847



4, 16.549, 280.613

Inverse Universe

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



68, 20.093, 355.616



82, 29.349, 356.237



79, 24.969, 114.310



39, 4.715, 354.037



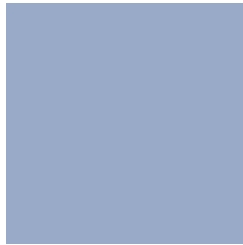
34, 61.593, 16.802



4, 16.703, 2.152

Previews

White Background



This preview shows how the CIELCh color 69, 17.713, 273.998 looks on a white background.

Color Contrast Check

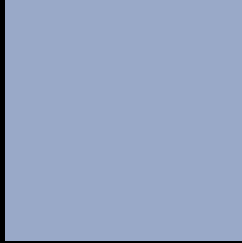
Large Text (above 18pt) WCAG AA × Fail

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, 17.713, 273.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

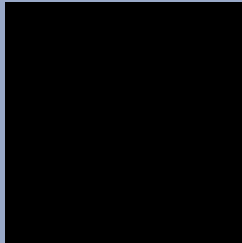
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.713, 273.998

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.713, 273.998.



This preview shows how white text looks on a background with the CIELCh color 69, 17.713, 273.998.

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, 17.713, 273.998

Protanopia

69, 17.084, 286.061

Deuteranopia

69, 20.447, 296.093



Tritanopia
69, 10.381, 242.574

Trichromacy



Original Color
69, 17.713, 273.998

Protanomaly
69, 17.226, 281.521

Deuteranomaly
69, 19.251, 289.025

Tritanomaly
69, 12.365, 256.935

Monochromacy



Original Color
69, 17.713, 273.998

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.808, 275.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.713, 273.998 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(153, 169, 200)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 200)  
}
```

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(153, 169, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.713, 273.998 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(153, 169, 200) }
```

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

```
.border{ border-color:rgb(153, 169, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 200);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.713, 273.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 200) }
```

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

```
.background{ background-color: rgb(153,  
169, 200) }
```

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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