

Converting Colors

CIELCh(69, 16.973, 267.109)

Have a look what the booklet for
CIELCh(69, 16.973, 267.109)
contains.

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Color

CIELCh(69, 17.223, 267.384)

Conversions

Conversions Part 1

Format	Color
Hex	95AAC7
RGB	149, 170, 199
RGB Percent	58%, 67%, 78%
CMY	0.4151, 0.3327, 0.2190
CMYK	0.25, 0.15, 0.00, 0.22
HSL	215°, 31%, 68%
HSV	215°, 25%, 78%
XYZ	37.1555, 39.3444, 59.7679
YIQ	167.0270, -21.8250, 4.5670

Conversions

Conversions Part 2

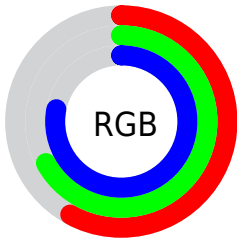
Format	Color
RYB	149, 164, 199
Decimal	9808583
CIELab	69.00, -0.79, -17.21
CIElCh	69, 17.223, 267.384
Yxy	39.3444, 0.2727, 0.2887
Android (android.graphics.Color)	4287998663 (0xFF95AAC7)
YUV	167.0270, 15.7627, -15.8097
Hunter-Lab	62.7251, -4.0337, -12.5872

Details

The CIELCh color $69, 17.223, 267.384$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 17.840, 80.306$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 16.906, 267.304$, and $49, 17.189, 267.105$ is the 20% darker color. If you saturate the color by 10%, you get $65, 24.106, 269.376$, and if you desaturate by 10%, it is $73, 10.349, 265.692$.

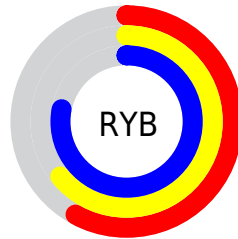
Distribution



Red (58%)

Green (67%)

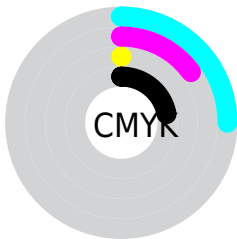
Blue (78%)



Red (58%)

Yellow (64%)

Blue (78%)

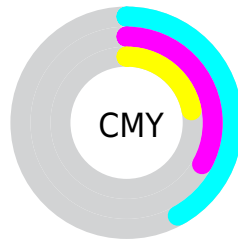


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (33%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.223, 267.384 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, 17.223, 267.384 by changing the saturation by 10% instead.

 69, 17.223,
267.384


 69, 17.223,
267.384

 100, 17.223,
267.384


 59, 17.223,
267.384

 89, 17.223,
267.384

 49, 17.223,
267.384

 99, 17.223,
267.384

 39, 17.223,
267.384

 29, 17.223,
267.384

 19, 17.223,
267.384

 9, 17.223, 267.384

 0, 17.223, 267.384

69, 17.223,
267.384

69, 17.223,
267.384

65, 24.106,
269.376

73, 10.349,
265.692

60, 31.001,
271.726

78, 3.496, 264.300

83, 3.325, 82.879

56, 37.919,
274.474

87, 10.102, 81.870

52, 44.891,
277.650

92, 16.824, 80.953

48, 51.968,
281.241

95, 21.426, 92.566

98, 26.275,
104.880

44, 59.208,
285.169

99, 28.152,
108.039

40, 66.639,
289.271

39, 70.349,

Harmonies

Complementary

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



69, 17.223, 267.384



74, 17.840, 80.306

Rectangle

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



69, 17.223, 267.384



69, 17.223, 317.384



69, 17.223, 87.384



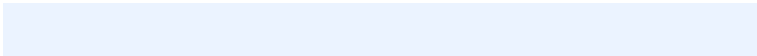
69, 17.223, 137.384

Sweetspot

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



69, 17.222, 267.381



96, 6.693, 264.680



76, 21.560, 165.069



50, 4.757, 264.888



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, 17.222, 267.381



84, 25.165, 268.404



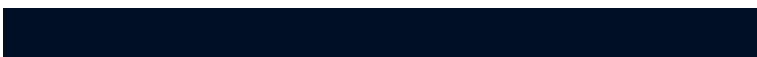
64, 28.013, 295.400



40, 3.878, 264.852



31, 59.758, 290.560



4, 15.314, 276.253

Inverse Universe

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



67, 22.330, 350.644



81, 32.749, 351.283



79, 26.415, 110.640



39, 4.940, 348.983



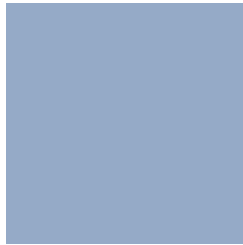
34, 60.529, 9.206



4, 17.184, 357.743

Previews

White Background



This preview shows how the CIELCh color 69, 17.223, 267.384 looks on a white background.

Color Contrast Check

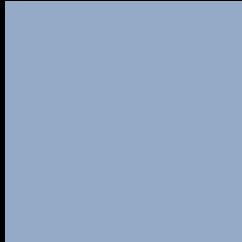
Large Text (above 18pt) WCAG AA × Fail

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, 17.223, 267.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

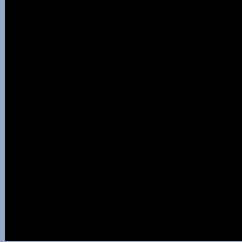
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

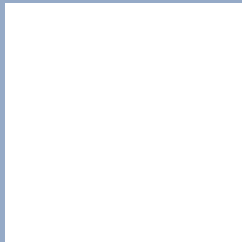
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.223, 267.384

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.223, 267.384.



This preview shows how white text looks on a background with the CIELCh color 69, 17.223, 267.384.

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

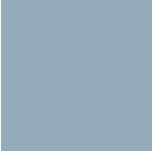
69, 17.223, 267.384

Protanopia

69, 16.540, 285.799

Deuteranopia

69, 19.930, 297.158



Tritanopia
69, 11.459, 241.229

Trichromacy



Original Color
69, 17.223, 267.384

Protanomaly
69, 16.811, 278.822

Deuteranomaly
69, 18.719, 287.827

Tritanomaly
69, 13.349, 254.735

Monochromacy



Original Color
69, 17.223, 267.384

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.515, 267.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.223, 267.384 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(149, 170, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 170, 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(149, 170, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 170, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.223, 267.384 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(149, 170, 199) }
```

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

```
.border{ border-color:rgb(149, 170, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 170, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 170, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 170, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 170,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.223, 267.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 170, 199) }
```

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

```
.background{ background-color: rgb(149,  
170, 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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