

Converting Colors

CIELCh(69, 12.917, 249.143)

Have a look what the booklet for
CIELCh(69, 12.917, 249.143)
contains.

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Color

CIELCh(69, 12.918, 249.127)

Conversions

Conversions Part 1

Format	Color
Hex	93ACBE
RGB	147, 172, 190
RGB Percent	58%, 67%, 75%
CMY	0.4241, 0.3261, 0.2555
CMYK	0.23, 0.09, 0.00, 0.26
HSL	205°, 25%, 66%
HSV	205°, 23%, 74%
XYZ	36.0039, 39.3444, 54.3200
YIQ	166.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

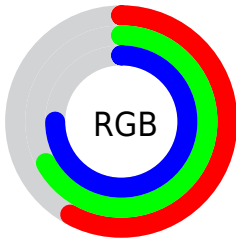
Format	Color
RYB	147, 163, 190
Decimal	9678014
CIELab	69.00, -4.60, -12.07
CIELCh	69, 12.918, 249.127
Yxy	39.3444, 0.2777, 0.3034
Android (android.graphics.Color)	4287868094 (0xFF93ACBE)
YUV	166.5770, 11.5475, -17.1690
Hunter-Lab	62.7251, -7.3107, -7.4376

Details

The CIELCh color $69, 12.918, 249.127$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 14.152, 63.705$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 12.774, 250.066$, and $49, 12.915, 249.735$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.330, 250.887$, and if you desaturate by 10%, it is $72, 7.311, 247.679$.

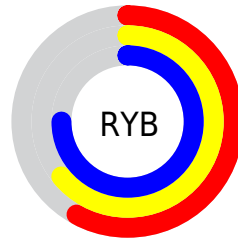
Distribution



Red (58%)

Green (67%)

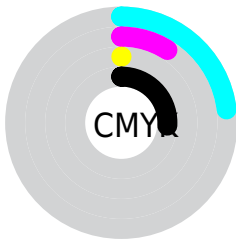
Blue (75%)



Red (58%)

Yellow (64%)

Blue (75%)

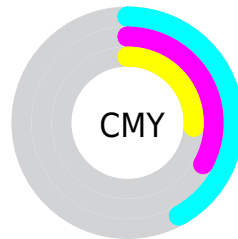


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (42%)


Magenta (33%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 12.918, 249.127 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, 12.918, 249.127 by changing the saturation by 10% instead.


 69, 12.918,
249.127


 69, 12.918,
249.127


 100, 12.918,
249.127


 59, 12.918,
249.127


 89, 12.918,
249.127

 49, 12.918,
249.127

 99, 12.918,
249.127

 39, 12.918,
249.127

 29, 12.918,
249.127

 19, 12.918,
249.127

 9, 12.918, 249.127

 0, 12.918, 249.127

■ 69, 12.918,
249.127

■ 69, 12.918,
249.127

■ 66, 18.330,
250.887

■ 72, 7.311, 247.679

■ 62, 23.511,
253.034

■ 76, 1.552, 246.672

■ 80, 4.323, 65.295

■ 59, 28.433,
255.632

■ 83, 10.281, 64.498

■ 56, 33.088,
258.748

■ 87, 16.291, 63.792

■ 90, 20.724, 67.444

■ 53, 37.501,
262.430

■ 92, 22.180, 79.953

■ 50, 41.743,
266.675

■ 94, 24.549, 90.405

■ 96, 27.579, 98.708

■ 47, 45.930,
271.397

■ 46, 49.085,

274.934

Harmonies

Complementary

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



69, 12.918, 249.127



69, 14.152, 63.705

Rectangle

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



69, 12.918, 249.127



69, 12.918, 299.127



69, 12.918, 69.127



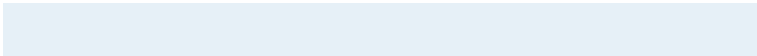
69, 12.918, 119.127

Sweetspot

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



69, 12.917, 249.121



94, 5.051, 247.021



73, 21.009, 157.545



50, 3.306, 247.087



99, 0.012, 296.813



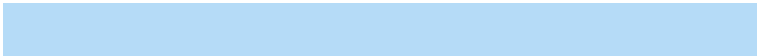
52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 12.917, 249.121



86, 18.954, 249.924



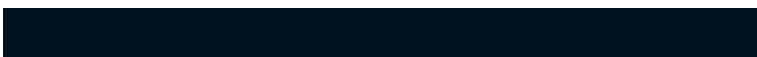
63, 22.059, 289.341



38, 3.273, 247.272



38, 42.374, 274.187



5, 10.653, 260.746

Inverse Universe

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



66, 21.368, 341.326



81, 31.639, 341.768



75, 21.132, 104.257



37, 5.266, 340.182



34, 60.785, 354.080



3, 14.674, 346.778

Previews

White Background



This preview shows how the CIELCh color 69, 12.918, 249.127 looks on a white background.

Color Contrast Check

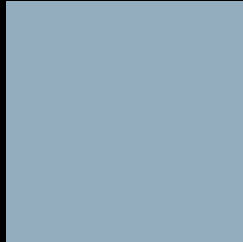
Large Text (above 18pt) WCAG AA × Fail

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, 12.918, 249.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

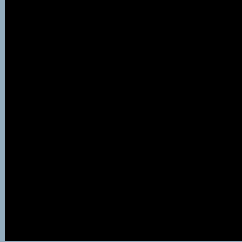
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

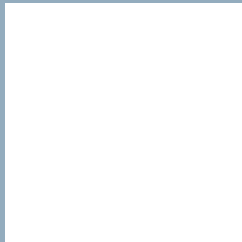
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.918, 249.127

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.918, 249.127.



This preview shows how white text looks on a background with the CIELCh color 69, 12.918, 249.127.

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

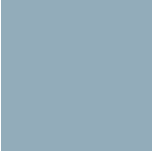
69, 12.918, 249.127

Protanopia

69, 10.994, 289.417

Deuteranopia

69, 15.261, 303.856



Tritanopia
69, 11.707, 240.121

Trichromacy



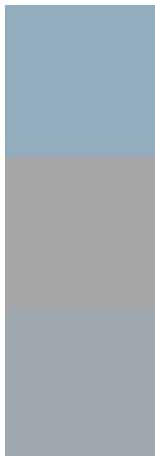
Original Color
69, 12.918, 249.127

Protanomaly
69, 10.938, 272.320

Deuteranomaly
69, 13.240, 285.374

Tritanomaly
69, 12.041, 242.262

Monochromacy



Original Color
69, 12.918, 249.127

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.019, 249.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.918, 249.127 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(147, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(147, 172, 190)  
}
```

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(147, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 172, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.918, 249.127 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(147, 172, 190) }
```

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

```
.border{ border-color:rgb(147, 172, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 172, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(147, 172,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.918, 249.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 172, 190) }
```

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

```
.background{ background-color: rgb(147,  
172, 190) }
```

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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