

Converting Colors

CIELCh(69, 10.378, 270.713)

Have a look what the booklet for
CIELCh(69, 10.378, 270.713)
contains.

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Color

CIELCh(69, 10.424, 271.242)

Conversions

Conversions Part 1

Format	Color
Hex	9FA9BB
RGB	159, 169, 187
RGB Percent	62%, 66%, 73%
CMY	0.3764, 0.3372, 0.2666
CMYK	0.15, 0.10, 0.00, 0.27
HSL	219°, 17%, 68%
HSV	219°, 15%, 73%
XYZ	37.4649, 39.3444, 52.6438
YIQ	168.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

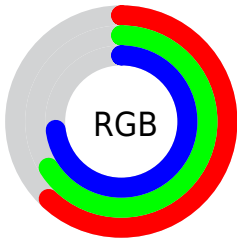
Format	Color
RYB	159, 166, 187
Decimal	10463675
CIELab	69.00, 0.23, -10.42
CIElCh	69, 10.424, 271.242
Yxy	39.3444, 0.2894, 0.3039
Android (android.graphics.Color)	4288653755 (0xFF9FA9BB)
YUV	168.0620, 9.3364, -7.9474
Hunter-Lab	62.7251, -3.1532, -5.8532

Details

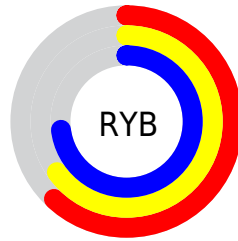
The CIELCh color $69, 10.424, 271.242$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 10.494, 87.269$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.401, 271.833$, and $49, 10.557, 270.861$ is the 20% darker color. If you saturate the color by 10%, you get $64, 17.490, 272.880$, and if you desaturate by 10%, it is $74, 3.444, 269.866$.

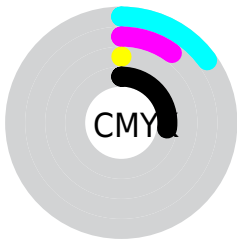
Distribution



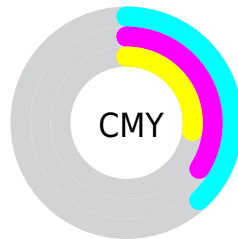
- Red (62%)
- Green (66%)
- Blue (73%)



- Red (62%)
- Yellow (65%)
- Blue (73%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)





- Cyan (38%)
- Magenta (34%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 10.424, 271.242 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, 10.424, 271.242 by changing the saturation by 10% instead.

 69, 10.424,
271.242


 69, 10.424,
271.242


 100, 10.424,
271.242


 59, 10.424,
271.242


 89, 10.424,
271.242

 49, 10.424,
271.242

 99, 10.424,
271.242

 39, 10.424,
271.242

 29, 10.424,
271.242

 19, 10.424,
271.242

 9, 10.424, 271.242

 0, 10.424, 271.242

69, 10.424,
271.242

69, 10.424,
271.242

64, 17.490,
272.880

74, 3.444, 269.866

60, 24.647,
274.810

78, 3.444, 88.504

55, 31.903,
277.069

83, 10.239, 87.495

51, 39.280,
279.695

92, 23.532, 85.781

47, 46.808,
282.707

95, 28.086, 97.031

42, 54.527,
286.080

98, 33.327,
106.421

38, 62.452,
289.728

99, 34.185,
107.574

35, 70.523,

293.478

■ 33, 74.602,
295.244

Harmonies

Complementary

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



69, 10.424, 271.242



73, 10.494, 87.269

Rectangle

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



69, 10.424, 271.242



69, 10.424, 321.242



69, 10.424, 91.242



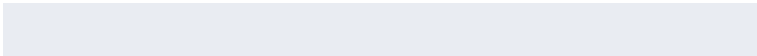
69, 10.424, 141.242

Sweetspot

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



69, 10.423, 271.235



93, 3.419, 269.764



74, 11.730, 170.170



50, 2.450, 269.849



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 10.423, 271.235



85, 15.493, 271.752



67, 15.596, 296.661



37, 3.962, 270.428



28, 64.997, 294.746



3, 13.200, 277.658

Inverse Universe

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



68, 12.064, 353.515



84, 17.992, 353.879



75, 15.090, 114.274



37, 4.556, 352.925



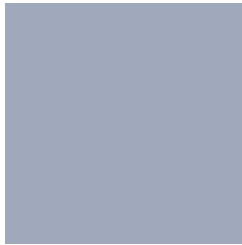
33, 59.821, 15.067



3, 13.079, 359.670

Previews

White Background



This preview shows how the CIELCh color 69, 10.424, 271.242 looks on a white background.

Color Contrast Check

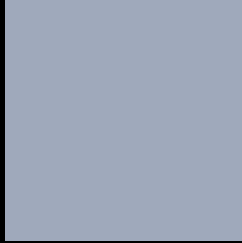
Large Text (above 18pt) WCAG AA × Fail

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, 10.424, 271.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

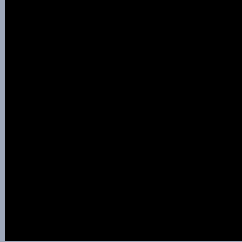
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

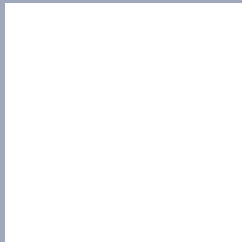
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.424, 271.242

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.424, 271.242.



This preview shows how white text looks on a background with the CIELCh color 69, 10.424, 271.242.

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

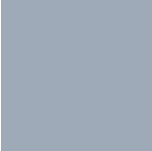
69, 10.424, 271.242

Protanopia

69, 10.445, 289.259

Deuteranopia

69, 13.852, 308.195



Tritanopia
69, 8.245, 259.438

Trichromacy



Original Color
69, 10.424, 271.242

Protanomaly
69, 10.014, 280.871

Deuteranomaly
69, 12.168, 296.476

Tritanomaly
69, 8.711, 261.434

Monochromacy



Original Color
69, 10.424, 271.242

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.988, 274.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.424, 271.242 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(159, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(159, 169, 187)  
}
```

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(159, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 169, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.424, 271.242 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(159, 169, 187) }
```

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

```
.border{ border-color:rgb(159, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 169, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 169, 187); box-shadow:4px 4px 4px 4px rgb(159, 169, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.424, 271.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 169, 187) }
```

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

```
.background{ background-color: rgb(159,  
169, 187) }
```

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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