

Converting Colors

CIELCh(69, 12.954, 277.313)

Have a look what the booklet for
CIELCh(69, 12.954, 277.313)
contains.

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Color

CIELCh(69, 12.954, 277.313)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9FA8BF |
| RGB | 159, 168, 191 |
| RGB Percent | 62%, 66%, 75% |
| CMY | 0.3749, 0.3396, 0.2494 |
| CMYK | 0.17, 0.12, 0.00, 0.25 |
| HSL | 223°, 20%, 69% |
| HSV | 223°, 17%, 75% |
| XYZ | 37.9028, 39.3444, 55.1236 |
| YIQ | 167.9310, -12.7470, 5.2450 |

Conversions

Conversions Part 2

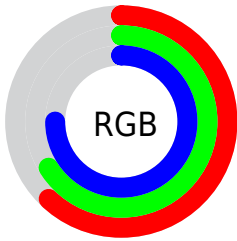
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 159, 166, 191 |
| Decimal | 10463423 |
| CIE Lab | 69.00, 1.65, -12.85 |
| CIE LCh | 69, 12.954, 277.313 |
| Yxy | 39.3444, 0.2863, 0.2972 |
| Android (android.graphics.Color) | 4288653503 (0xFF9FA8BF) |
| YUV | 167.9310, 11.3730, -7.8325 |
| Hunter-Lab | 62.7251, -1.9069, -8.1973 |

Details

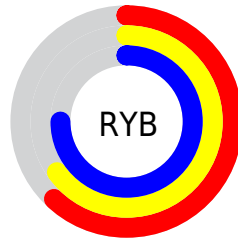
The CIELCh color **69, 12.954, 277.313** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 12.872, 93.029**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 12.811, 277.442**, and **49, 13.253, 277.478** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.923, 278.933**, and if you desaturate by 10%, it is **74, 5.157, 275.933**.

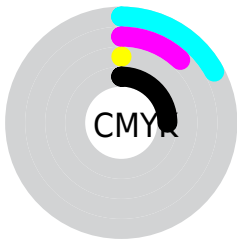
Distribution



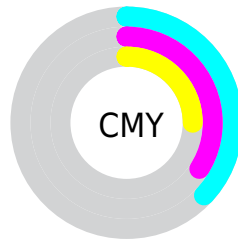
- Red (62%)
- Green (66%)
- Blue (75%)



- Red (62%)
- Yellow (65%)
- Blue (75%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)





- Cyan (37%)
- Magenta (34%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 12.954, 277.313 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, 12.954, 277.313 by changing the saturation by 10% instead.


 69, 12.954,
277.313


 69, 12.954,
277.313


 100, 12.954,
277.313


 59, 12.954,
277.313


 89, 12.954,
277.313

 49, 12.954,
277.313

 99, 12.954,
277.313

 39, 12.954,
277.313

 29, 12.954,
277.313

 19, 12.954,
277.313

 9, 12.954, 277.313

 0, 12.954, 277.313

69, 12.954,
277.313

69, 12.954,
277.313

64, 20.923,
278.933

74, 5.157, 275.933

59, 29.082,
280.835

79, 2.473, 94.610

54, 37.450,
283.051

84, 9.944, 93.629

49, 46.058,
285.609

94, 24.407, 92.031

44, 54.930,
288.511

98, 30.115,
104.917

40, 64.064,
291.704

99, 32.010,
107.742

35, 73.359,
295.061

32, 82.530,

298.359

■ 30, 85.444,
299.331

Harmonies

Complementary

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



69, 12.954, 277.313



74, 12.872, 93.029

Rectangle

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



69, 12.954, 277.313



69, 12.954, 327.313



69, 12.954, 97.313



69, 12.954, 147.313

Sweetspot

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



69, 12.953, 277.308



95, 4.756, 275.736



75, 12.633, 175.597



50, 3.246, 275.819



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, 12.953, 277.308



86, 19.309, 277.864



67, 17.928, 299.844



38, 4.402, 276.273



25, 74.064, 298.897



3, 15.728, 282.069

Inverse Universe

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



69, 13.277, 358.905



85, 19.855, 359.327



76, 17.314, 117.537



38, 4.477, 358.096



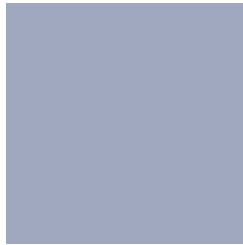
33, 62.414, 22.117



3, 14.544, 4.424

Previews

White Background



This preview shows how the CIELCh color 69, 12.954, 277.313 looks on a white background.

Color Contrast Check

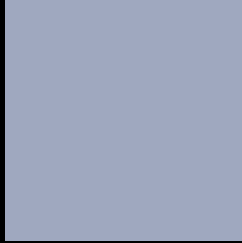
Large Text (above 18pt) WCAG AA × Fail

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, 12.954, 277.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

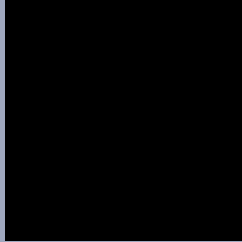
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

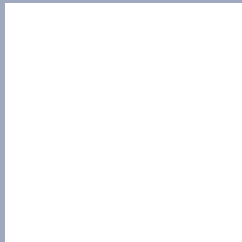
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.954, 277.313

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.954, 277.313.



This preview shows how white text looks on a background with the CIELCh color 69, 12.954, 277.313.

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

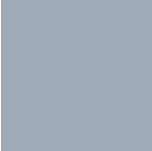
69, 12.954, 277.313

Protanopia

69, 12.649, 288.227

Deuteranopia

69, 15.798, 303.459



Tritanopia
69, 8.245, 259.438

Trichromacy



Original Color
69, 12.954, 277.313

Protanomaly
69, 12.718, 283.453

Deuteranomaly
69, 14.330, 294.452

Tritanomaly
69, 9.914, 270.058

Monochromacy



Original Color
69, 12.954, 277.313

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.051, 278.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.954, 277.313 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, 168, 191)` looks like.

```
.text, #text, p{  
    color:rgb(159, 168, 191)  
}
```

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, 168, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 168, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.954, 277.313 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, 168, 191) }
```

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

```
.border{ border-color:rgb(159, 168, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 168, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 168, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 168, 191);  
box-shadow:4px 4px 4px 4px rgb(159, 168,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.954, 277.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 168, 191) }
```

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

```
.background{ background-color: rgb(159,  
168, 191) }
```

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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