

Converting Colors

CIELCh(69, 7.638, 260.809)

Have a look what the booklet for
CIELCh(69, 7.638, 260.809) contains.

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Color

CIELCh(69, 7.608, 259.471)

Conversions

Conversions Part 1

Format	Color
Hex	9FAAB6
RGB	159, 170, 182
RGB Percent	62%, 67%, 71%
CMY	0.3776, 0.3345, 0.2874
CMYK	0.13, 0.07, 0.00, 0.29
HSL	211°, 14%, 67%
HSV	211°, 13%, 71%
XYZ	36.9716, 39.3444, 49.7393
YIQ	168.0790, -10.4080, 1.4000

Conversions

Conversions Part 2

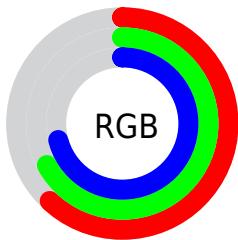
Format	Color
R_{YB}	159, 166, 182
Decimal	10463926
CIE Lab	69.00, -1.39, -7.48
CIE LCh	69, 7.608, 259.471
Yxy	39.3444, 0.2933, 0.3121
Android (android.graphics.Color)	4288654006 (0xFF9FAAB6)
YUV	168.0790, 6.8631, -7.9623
Hunter-Lab	62.7251, -4.5570, -3.1078

Details

The CIELCh color $69, 7.608, 259.471$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 7.812, 76.127$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.691, 261.199$, and $49, 7.591, 257.719$ is the 20% darker color. If you saturate the color by 10%, you get $65, 13.569, 261.055$, and if you desaturate by 10%, it is $73, 1.605, 258.252$.

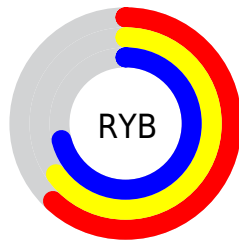
Distribution



Red (62%)

Green (67%)

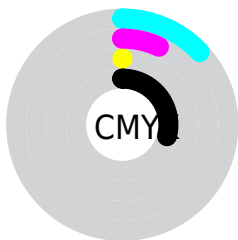
Blue (71%)



Red (62%)

Yellow (65%)

Blue (71%)

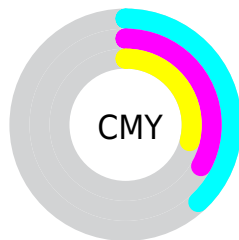


Cyan (13%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.608, 259.471 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, 7.608, 259.471 by changing the saturation by 10% instead.

■ 69, 7.608, 259.471

■ 69, 7.608, 259.471

■ 100, 7.608,
259.471

■ 59, 7.608, 259.471

■ 89, 7.608, 259.471

■ 49, 7.608, 259.471

■ 99, 7.608, 259.471

■ 39, 7.608, 259.471

■ 29, 7.608, 259.471

■ 19, 7.608, 259.471

■ 9, 7.608, 259.471

■ 0, 7.608, 259.471

■ 69, 7.608, 259.471

■ 69, 7.608, 259.471

■ 65, 13.569,

■ 73, 1.605, 258.252

261.055

77, 4.418, 76.807

61, 19.472,
262.957

81, 10.444, 75.847

58, 25.301,
265.214

85, 16.456, 74.992

54, 31.054,
267.881

89, 22.441, 74.242

50, 36.744,
271.001

94, 28.769, 93.096

47, 42.412,
274.590

96, 32.547,
101.172

43, 48.125,
278.606

98, 36.809,
107.372

40, 53.960,
282.929

38, 58.380,
286.064

Harmonies

Complementary

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



69, 7.608, 259.471



70, 7.812, 76.127

Rectangle

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



69, 7.608, 259.471



69, 7.608, 309.471



69, 7.608, 79.471



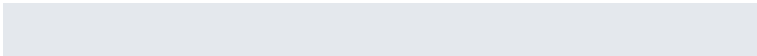
69, 7.608, 129.471

Sweetspot

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



69, 7.607, 259.460



92, 2.997, 258.362



72, 10.523, 163.518



49, 2.146, 258.439



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 7.607, 259.460



87, 11.186, 259.847



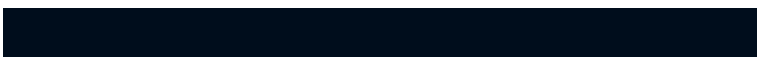
66, 12.758, 292.123



37, 3.438, 258.997



33, 51.418, 285.489



3, 10.420, 269.041

Inverse Universe

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



68, 10.673, 345.880



85, 15.756, 346.127



73, 12.398, 109.659



36, 4.799, 345.570



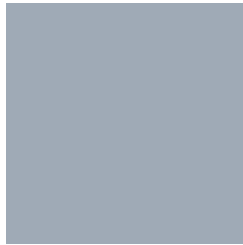
33, 58.468, 3.411



3, 12.064, 352.026

Previews

White Background



This preview shows how the CIELCh color 69, 7.608, 259.471 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, 7.608, 259.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

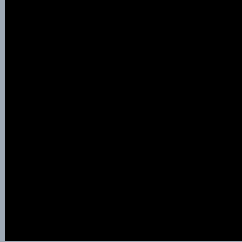
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

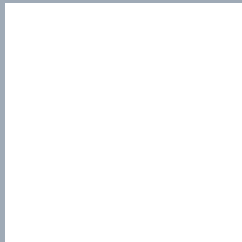
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.608, 259.471

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.608, 259.471.



This preview shows how white text looks on a background with the CIELCh color 69, 7.608, 259.471.

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, 7.608, 259.471

Protanopia

69, 7.164, 293.836

Deuteranopia

69, 11.707, 317.308



Tritanopia
69, 8.075, 261.609

Trichromacy



Original Color
69, 7.608, 259.471

Protanomaly
69, 7.207, 282.191

Deuteranomaly
69, 9.555, 302.127

Tritanomaly
69, 8.075, 261.609

Monochromacy



Original Color
69, 7.608, 259.471

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.634, 256.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.608, 259.471 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, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 170, 182)  
}
```

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, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 170, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.608, 259.471 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, 170, 182) }
```

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

```
.border{ border-color:rgb(159, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 170, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 170, 182); box-shadow:4px 4px 4px 4px rgb(159, 170, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.608, 259.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 170, 182) }
```

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

```
.background{ background-color: rgb(159,  
170, 182) }
```

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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