

Converting Colors

CIELCh(69, 6.723, 174.355)

Have a look what the booklet for
CIELCh(69, 6.723, 174.355) contains.

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Color

CIELCh(69, 6.599, 174.320)

Conversions

Conversions Part 1

Format	Color
Hex	9CACA7
RGB	156, 172, 167
RGB Percent	61%, 67%, 65%
CMY	0.3884, 0.3256, 0.3452
CMYK	0.09, 0.00, 0.03, 0.33
HSL	161°, 9%, 64%
HSV	161°, 9%, 67%
XYZ	35.4208, 39.3444, 42.2691
YIQ	166.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

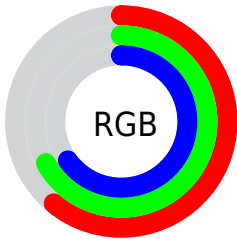
Format	Color
RYB	156, 165, 172
Decimal	10267815
CIELab	69.00, -6.57, 0.65
CIELCh	69, 6.599, 174.320
Yxy	39.3444, 0.3027, 0.3362
Android (android.graphics.Color)	4288457895 (0xFF9CACA7)
YUV	166.6460, 0.1745, -9.3365
Hunter-Lab	62.7251, -8.9703, 3.9533

Details

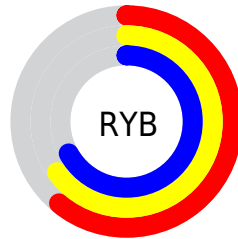
The CIELCh color $69, 6.599, 174.320$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.770, 355.898$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 6.273, 174.536$, and $49, 6.680, 172.636$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.578, 173.311$, and if you desaturate by 10%, it is $70, 0.500, 354.304$.

Distribution



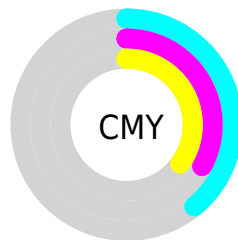
- Red (61%)
- Green (67%)
- Blue (65%)



- Red (61%)
- Yellow (65%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.599, 174.320 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, 6.599, 174.320 by changing the saturation by 10% instead.

■ 69, 6.599, 174.320

■ 69, 6.599, 174.320

■ 100, 6.599,
174.320

■ 59, 6.599, 174.320

■ 89, 6.599, 174.320

■ 49, 6.599, 174.320

■ 99, 6.599, 174.320

■ 39, 6.599, 174.320

■ 29, 6.599, 174.320

■ 19, 6.599, 174.320

■ 9, 6.599, 174.320

■ 0, 6.599, 174.320

■ 69, 6.599, 174.320

■ 69, 6.599, 174.320

■ 68, 13.578,

■ 70, 0.500, 354.304

173.311

72, 7.642, 355.943

67, 20.335,
172.254

74, 14.761,
356.771

66, 26.762,
171.107

76, 21.807,
357.541

65, 32.742,
169.846

77, 28.745,
358.271

64, 38.164,
168.449

79, 34.128,
357.712

63, 42.934,
166.891

79, 35.119,
353.350

63, 46.995,
165.149

79, 36.320,
349.272

63, 50.341,
163.211

79, 37.709,
345.496

62, 53.119,
161.134

Harmonies

Complementary

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



69, 6.599, 174.320



66, 6.770, 355.898

Rectangle

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



69, 6.599, 174.320



69, 6.599, 224.320



69, 6.599, 354.320



69, 6.599, 44.320

Sweetspot

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



69, 6.600, 174.312



89, 2.647, 175.014



69, 9.743, 134.830



47, 2.005, 174.903



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 6.600, 174.312



87, 9.676, 174.124



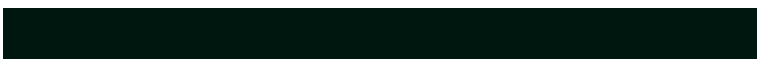
68, 5.036, 217.845



36, 4.043, 174.312



55, 48.114, 161.252



6, 9.101, 169.170

Inverse Universe

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



66, 6.770, 355.898



83, 9.974, 356.098



66, 5.335, 37.370



34, 4.147, 355.898



31, 58.535, 18.960



2, 8.357, 359.151

Previews

White Background



This preview shows how the CIELCh color 69, 6.599, 174.320 looks on a white background.

Color Contrast Check

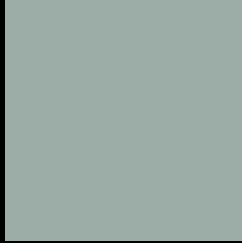
Large Text (above 18pt) WCAG AA × Fail

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, 6.599, 174.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

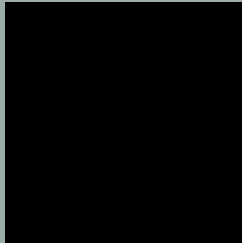
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

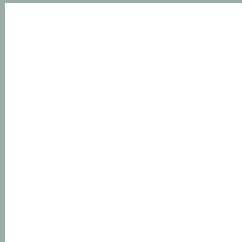
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.599, 174.320

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.599, 174.320.



This preview shows how white text looks on a background with the CIELCh color 69, 6.599, 174.320.

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, 6.599, 174.320

Protanopia

69, 2.507, 60.255

Deuteranopia

69, 8.696, 357.998



Tritanopia
69, 8.075, 261.609

Trichromacy



Original Color
69, 6.599, 174.320

Protanomaly
69, 2.475, 137.266

Deuteranomaly
69, 3.244, 359.799

Tritanomaly
69, 5.707, 234.475

Monochromacy



Original Color
69, 6.599, 174.320

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.518, 173.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.599, 174.320 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(156, 172, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 172, 167)  
}
```

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(156, 172, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 172, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.599, 174.320 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(156, 172, 167) }
```

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

```
.border{ border-color:rgb(156, 172, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 172, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 172,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.599, 174.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 172, 167) }
```

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

```
.background{ background-color: rgb(156,  
172, 167) }
```

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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