

Converting Colors

CIELCh(69, 12.023, 163.445)

Have a look what the booklet for
CIELCh(69, 12.023, 163.445)
contains.

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Color

CIELCh(69, 11.802, 164.508)

Conversions

Conversions Part 1

Format	Color
Hex	94AEA2
RGB	148, 174, 162
RGB Percent	58%, 68%, 64%
CMY	0.4184, 0.3164, 0.3634
CMYK	0.15, 0.00, 0.07, 0.32
HSL	152°, 14%, 63%
HSV	152°, 15%, 68%
XYZ	34.0201, 39.3444, 40.1339
YIQ	164.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

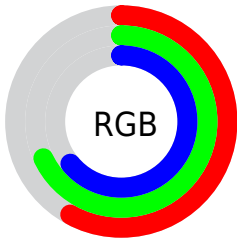
Format	Color
RYB	148, 165, 174
Decimal	9744034
CIELab	69.00, -11.37, 3.15
CIELCh	69, 11.802, 164.508
Yxy	39.3444, 0.2997, 0.3467
Android (android.graphics.Color)	4287934114 (0xFF94AEA2)
YUV	164.8580, -1.4090, -14.7845
Hunter-Lab	62.7251, -12.9562, 5.9715

Details

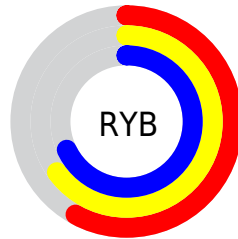
The CIELCh color **69, 11.802, 164.508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 12.069, 347.050**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 12.094, 164.595**, and **49, 12.254, 163.017** is the 20% darker color. If you saturate the color by 10%, you get **68, 19.625, 163.511**, and if you desaturate by 10%, it is **70, 3.892, 165.459**.

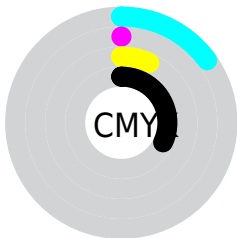
Distribution



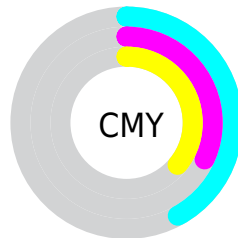
- Red (58%)
- Green (68%)
- Blue (64%)



- Red (58%)
- Yellow (65%)
- Blue (68%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)





- Cyan (42%)
- Magenta (32%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 11.802, 164.508 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, 11.802, 164.508 by changing the saturation by 10% instead.


 69, 11.802,
164.508


 69, 11.802,
164.508

 100, 11.802,
164.508


 59, 11.802,
164.508


 89, 11.802,
164.508

 49, 11.802,
164.508

 99, 11.802,
164.508

 39, 11.802,
164.508

 29, 11.802,
164.508

 19, 11.802,
164.508

 9, 11.802, 164.508

 0, 11.802, 164.508

69, 11.802,
164.508

69, 11.802,
164.508

68, 19.625,
163.511

70, 3.892, 165.459

67, 27.245,
162.414

72, 4.020, 346.078

66, 34.539,
161.187

74, 11.859,
346.887

65, 41.378,
159.805

76, 19.573,
347.592

64, 47.636,
158.245

78, 27.124,
348.243

63, 53.218,
156.487

80, 34.487,
348.851


63, 58.069,
154.519


80, 37.249,
343.911

63, 62.204,

80, 39.739,
338.900

152.355

 81, 42.522,
334.565

 63, 64.154,
151.263

Harmonies

Complementary

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



69, 11.802, 164.508



64, 12.069, 347.050

Rectangle

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



69, 11.802, 164.508



69, 11.802, 214.508



69, 11.802, 344.508



69, 11.802, 34.508

Sweetspot

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



69, 11.804, 164.505



89, 3.919, 165.551



70, 15.205, 129.584



48, 2.809, 165.470



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 11.804, 164.505



87, 17.628, 164.177



69, 9.083, 201.718



36, 4.462, 165.034



55, 57.223, 151.560



6, 10.092, 160.795

Inverse Universe

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



64, 12.069, 347.050



80, 18.113, 347.385



64, 9.999, 23.059



34, 4.527, 346.513



32, 56.983, 4.858



2, 8.947, 350.861

Previews

White Background



This preview shows how the CIELCh color 69, 11.802, 164.508 looks on a white background.

Color Contrast Check

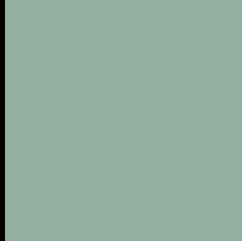
Large Text (above 18pt) WCAG AA × Fail

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, 11.802, 164.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

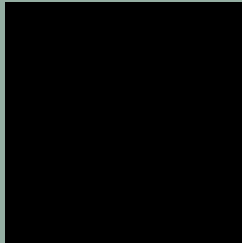
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 11.802, 164.508

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.802, 164.508.



This preview shows how white text looks on a background with the CIELCh color 69, 11.802, 164.508.

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](#).

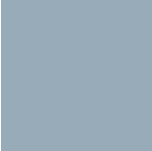
Dichromacy



Original Color
69, 11.802, 164.508

Protanopia
69, 4.943, 81.677

Deuteranopia
69, 8.575, 12.822



Tritanopia
69, 10.064, 249.086

Trichromacy



Original Color
69, 11.802, 164.508

Protanomaly
69, 5.955, 132.266

Deuteranomaly
69, 2.507, 60.255

Tritanomaly
69, 7.983, 219.062

Monochromacy



Original Color
69, 11.802, 164.508

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.064, 166.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.802, 164.508 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(148, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(148, 174, 162)  
}
```

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(148, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 174, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.802, 164.508 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(148, 174, 162) }
```

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

```
.border{ border-color:rgb(148, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(148, 174,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.802, 164.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 174, 162) }
```

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

```
.background{ background-color: rgb(148,  
174, 162) }
```

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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