

Converting Colors

CIELCh(70, 7.141, 163.826)

Have a look what the booklet for
CIELCh(70, 7.141, 163.826) contains.

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Color

CIELCh(70, 7.462, 162.947)

Conversions

Conversions Part 1

Format	Color
Hex	9FAFA7
RGB	159, 175, 167
RGB Percent	62%, 69%, 65%
CMY	0.3770, 0.3142, 0.3456
CMYK	0.09, 0.00, 0.05, 0.31
HSL	150°, 9%, 65%
HSV	150°, 9%, 69%
XYZ	36.5377, 40.7494, 42.4336
YIQ	169.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

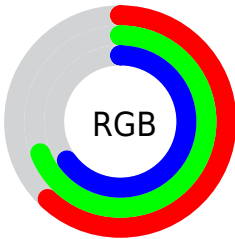
Format	Color
RYB	159, 170, 175
Decimal	10465191
CIELab	70.00, -7.13, 2.19
CIELCh	70, 7.462, 162.947
Yxy	40.7494, 0.3052, 0.3404
Android (android.graphics.Color)	4288655271 (0xFF9FAFA7)
YUV	169.3040, -1.1359, -9.0366
Hunter-Lab	63.8353, -9.5428, 5.2725

Details

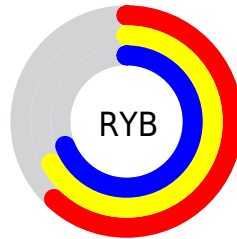
The CIELCh color $70, 7.462, 162.947$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 7.556, 344.351$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.686, 161.560$, and $50, 7.647, 160.974$ is the 20% darker color. If you saturate the color by 10%, you get $69, 15.609, 162.012$, and if you desaturate by 10%, it is $72, 0.698, 343.185$.

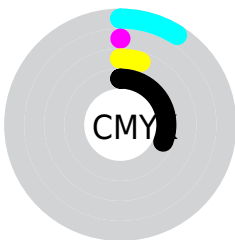
Distribution



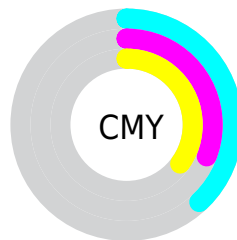
- Red (62%)
- Green (69%)
- Blue (65%)



- Red (62%)
- Yellow (67%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.462, 162.947 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 70, 7.462, 162.947 by changing the saturation by 10% instead.

■ 70, 7.462, 162.947

■ 70, 7.462, 162.947

■ 100, 7.462,
162.947

■ 60, 7.462, 162.947

■ 90, 7.462, 162.947

■ 50, 7.462, 162.947

■ 40, 7.462, 162.947

■ 30, 7.462, 162.947

■ 20, 7.462, 162.947

■ 10, 7.462, 162.947

■ 0, 7.462, 162.947

■ 70, 7.462, 162.947

■ 70, 7.462, 162.947

■ 69, 15.609,

■ 72, 0.698, 343.185

162.012

73, 8.797, 344.416

67, 23.636,
160.996

75, 16.772,
345.121

66, 31.427,
159.860

77, 24.580,
345.761

65, 38.847,
158.580

79, 32.194,
346.355

64, 45.763,
157.130

80, 37.127,
343.598

64, 52.052,
155.490

80, 39.870,
338.197

63, 57.625,
153.643

81, 42.950,
333.593

63, 62.448,
151.591

81, 46.294,
329.693

63, 66.629,
149.416

Harmonies

Complementary

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



70, 7.462, 162.947



67, 7.556, 344.351

Rectangle

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



70, 7.462, 162.947



70, 7.462, 212.947



70, 7.462, 342.947



70, 7.462, 32.947

Sweetspot

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



70, 7.464, 162.942



90, 3.017, 163.549



70, 9.229, 128.092



48, 2.307, 163.454



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 7.464, 162.942



88, 11.094, 162.756



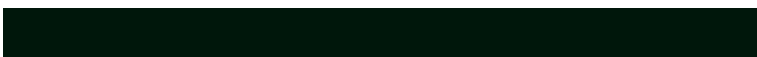
70, 5.875, 197.570



36, 4.586, 162.929



55, 59.586, 149.541



6, 10.348, 159.101

Inverse Universe

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



67, 7.556, 344.351



84, 11.255, 344.537



67, 6.208, 18.547



34, 4.644, 344.364



32, 57.249, 1.241



2, 9.137, 348.799

Previews

White Background



This preview shows how the CIE LCh color 70, 7.462, 162.947 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 70, 7.462, 162.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

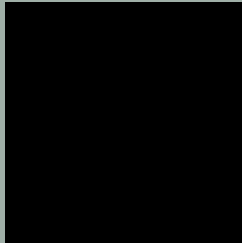
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 7.462, 162.947

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.462, 162.947.



This preview shows how white text looks on a background with the CIELCh color 70, 7.462, 162.947.

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

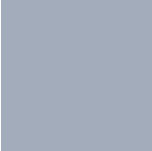
70, 7.462, 162.947

Protanopia

70, 3.779, 79.324

Deuteranopia

70, 9.107, 6.348



Tritanopia
70, 8.387, 265.663

Trichromacy



Original Color
70, 7.462, 162.947

Protanomaly
70, 3.995, 126.369

Deuteranomaly
70, 3.092, 29.669

Tritanomaly
70, 5.410, 236.667

Monochromacy



Original Color
70, 7.462, 162.947

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.804, 163.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.462, 162.947 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, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 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(159, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.462, 162.947 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, 175, 167) }
```

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

```
.border{ border-color:rgb(159, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.462, 162.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 167) }
```

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

```
.background{ background-color: rgb(159,  
175, 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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