

Converting Colors

CIELCh(70, 16.131, 153.084)

Have a look what the booklet for
CIELCh(70, 16.131, 153.084)
contains.

CIELCh(70, 16.209, 153.075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 16.209, 153.075)

Conversions

Conversions Part 1

Format	Color
Hex	94B29D
RGB	148, 178, 157
RGB Percent	58%, 70%, 62%
CMY	0.4183, 0.3006, 0.3830
CMYK	0.17, 0.00, 0.12, 0.30
HSL	138°, 16%, 64%
HSV	138°, 17%, 70%
XYZ	34.3754, 40.7494, 38.1010
YIQ	166.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

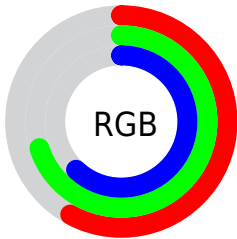
Format	Color
RYB	148, 171, 178
Decimal	9745053
CIELab	70.00, -14.45, 7.34
CIELCh	70, 16.209, 153.075
Yxy	40.7494, 0.3036, 0.3599
Android (android.graphics.Color)	4287935133 (0xFF94B29D)
YUV	166.6360, -4.7505, -16.3438
Hunter-Lab	63.8353, -15.5891, 9.2966

Details

The CIELCh color **70, 16.209, 153.075** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 16.327, 335.422**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 16.261, 153.813**, and **50, 15.888, 153.513** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.847, 152.194**, and if you desaturate by 10%, it is **72, 6.549, 153.864**.

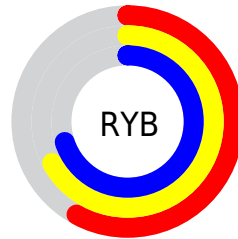
Distribution



Red (58%)

Green (70%)

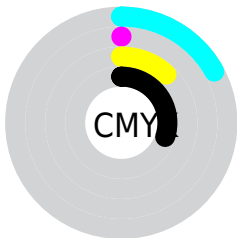
Blue (62%)



Red (58%)

Yellow (67%)

Blue (70%)

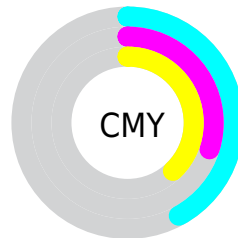


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (30%)



Cyan (42%)


Magenta (30%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.209, 153.075 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, 16.209, 153.075 by changing the saturation by 10% instead.


 70, 16.209,
153.075


 70, 16.209,
153.075


 100, 16.209,
153.075


 60, 16.209,
153.075


 90, 16.209,
153.075

 50, 16.209,
153.075

 40, 16.209,
153.075

 30, 16.209,
153.075

 20, 16.209,
153.075

 10, 16.209,
153.075

 0, 16.209, 153.075

70, 16.209,
153.075

70, 16.209,
153.075

69, 25.847,
152.194

72, 6.549, 153.864

67, 35.323,
151.187

73, 3.031, 334.383

66, 44.477,
150.030

75, 12.448,
335.052

65, 53.130,
148.704

77, 21.646,
335.588

65, 61.102,
147.197

79, 30.590,
336.063

64, 68.231,
145.511

81, 39.178,
336.349

64, 74.388,
143.672

82, 43.823,
330.148

64, 79.522,

82, 47.988,
326.084

141.756

■ 64, 80.996,
141.197

Harmonies

Complementary

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



70, 16.209, 153.075



65, 16.327, 335.422

Rectangle

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



70, 16.209, 153.075



70, 16.209, 203.075



70, 16.209, 333.075



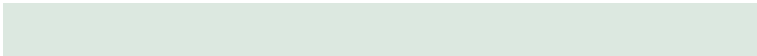
70, 16.209, 23.075

Sweetspot

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



70, 16.211, 153.074



91, 5.931, 154.004



71, 16.601, 120.194



49, 4.082, 153.947



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 16.211, 153.074



88, 23.875, 152.778



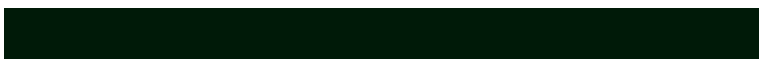
70, 11.552, 180.504



37, 5.443, 153.671



55, 71.911, 141.455



7, 13.820, 151.661

Inverse Universe

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



65, 16.327, 335.422



80, 24.072, 335.682



64, 12.305, 3.613



35, 5.471, 334.877



34, 63.221, 344.561



2, 12.205, 338.777

Previews

White Background



This preview shows how the CIELCh color 70, 16.209, 153.075 looks on a white background.

Color Contrast Check

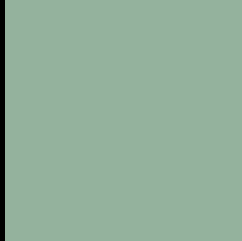
Large Text (above 18pt) WCAG AA × Fail

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 70, 16.209, 153.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

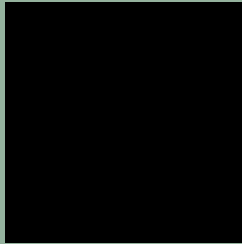
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.209, 153.075

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.209, 153.075.

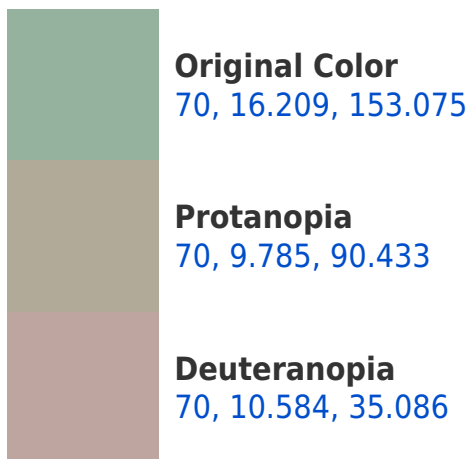


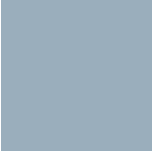
This preview shows how white text looks on a background with the CIELCh color 70, 16.209, 153.075.

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





Tritanopia
70, 10.259, 247.583

Trichromacy



Original Color
70, 16.209, 153.075

Protanomaly
70, 10.100, 122.500

Deuteranomaly
70, 6.297, 91.617

Tritanomaly
70, 8.668, 202.383

Monochromacy



Original Color
70, 16.209, 153.075

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.080, 152.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.209, 153.075 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, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(148, 178, 157)  
}
```

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, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 178, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.209, 153.075 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, 178, 157) }
```

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

```
.border{ border-color:rgb(148, 178, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 178, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(148, 178,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.209, 153.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 178, 157) }
```

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

```
.background{ background-color: rgb(148,  
178, 157) }
```

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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