

Converting Colors

CIELCh(71, 12.609, 154.713)

Have a look what the booklet for
CIELCh(71, 12.609, 154.713)
contains.

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Color

CIELCh(71, 12.609, 154.713)

Conversions

Conversions Part 1

Format	Color
Hex	9CB4A4
RGB	156, 180, 164
RGB Percent	61%, 71%, 64%
CMY	0.3897, 0.2956, 0.3583
CMYK	0.13, 0.00, 0.09, 0.30
HSL	140°, 14%, 66%
HSV	140°, 13%, 70%
XYZ	36.5508, 42.1875, 41.1625
YIQ	171.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

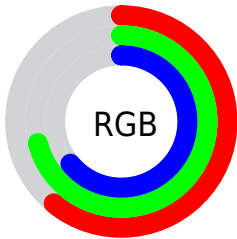
Format	Color
R _{YB}	156, 174, 180
Decimal	10269860
CIE Lab	71.00, -11.40, 5.39
CIE LCh	71, 12.609, 154.713
Yxy	42.1875, 0.3048, 0.3519
Android (android.graphics.Color)	4288459940 (0xFF9CB4A4)
YUV	171.0000, -3.4510, -13.1550
Hunter-Lab	64.9519, -13.2173, 7.8920

Details

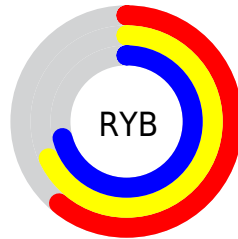
The CIELCh color **71, 12.609, 154.713** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 12.704, 336.583**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.597, 154.368**, and **51, 12.472, 153.804** is the 20% darker color. If you saturate the color by 10%, you get **70, 22.077, 153.849**, and if you desaturate by 10%, it is **73, 3.150, 155.536**.

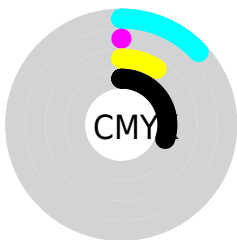
Distribution



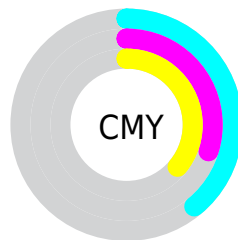
- Red (61%)
- Green (71%)
- Blue (64%)



- Red (61%)
- Yellow (68%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (39%)
- Magenta (30%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.609, 154.713 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 71, 12.609, 154.713 by changing the saturation by 10% instead.


 71, 12.609,
154.713


 71, 12.609,
154.713


 100, 12.609,
154.713


 61, 12.609,
154.713


 91, 12.609,
154.713

 51, 12.609,
154.713

 41, 12.609,
154.713

 31, 12.609,
154.713

 21, 12.609,
154.713

 11, 12.609,
154.713

 1, 12.609, 154.713

■ 0, 12.609, 154.713

■ 71, 12.609,
154.713

■ 71, 12.609,
154.713

■ 70, 22.077,
153.849

■ 73, 3.150, 155.536

■ 68, 31.426,
152.871

■ 74, 6.207, 336.043

■ 67, 40.510,
151.751

■ 76, 15.391,
336.663

■ 66, 49.160,
150.467

■ 78, 24.353,
337.199

■ 65, 57.205,
149.001

■ 80, 33.060,
337.680

■ 65, 64.486,
147.346

■ 82, 39.542,
334.731

■ 82, 44.111,

■ 64, 70.878,
145.512

329.012

■ 64, 76.312,
143.537

■ 82, 47.199,
326.057

■ 64, 79.476,
142.256

Harmonies

Complementary

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



71, 12.609, 154.713



67, 12.704, 336.583

Rectangle

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



71, 12.609, 154.713



71, 12.609, 204.713



71, 12.609, 334.713



71, 12.609, 24.713

Sweetspot

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



71, 12.611, 154.712



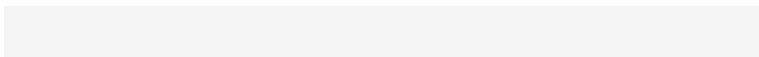
92, 4.667, 155.468



72, 13.331, 121.694



49, 3.316, 155.402



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 12.611, 154.712



90, 18.781, 154.470



71, 9.121, 183.416



37, 5.311, 155.036



55, 70.157, 142.538



7, 13.565, 152.623

Inverse Universe

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



67, 12.704, 336.583



83, 18.942, 336.805



66, 9.636, 5.743



35, 5.342, 336.278



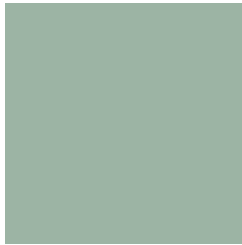
33, 61.948, 347.041



2, 11.880, 340.587

Previews

White Background



This preview shows how the CIELCh color 71, 12.609, 154.713 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 71, 12.609, 154.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

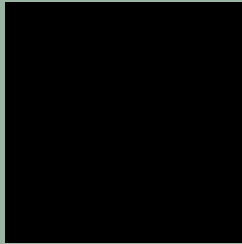
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

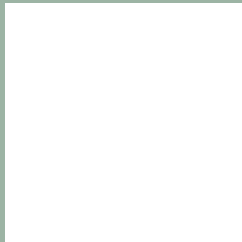
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 12.609, 154.713

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.609, 154.713.



This preview shows how white text looks on a background with the CIELCh color 71, 12.609, 154.713.

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](#).

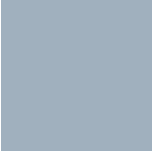
Dichromacy



Original Color
71, 12.609, 154.713

Protanopia
71, 7.564, 88.364

Deuteranopia
71, 9.776, 26.554



Tritanopia
71, 9.391, 253.848

Trichromacy



Original Color
71, 12.609, 154.713

Protanomaly
71, 7.779, 120.810

Deuteranomaly
71, 4.649, 74.409

Tritanomaly
71, 7.028, 212.451

Monochromacy



Original Color
71, 12.609, 154.713

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.738, 155.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.609, 154.713 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, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 180, 164)  
}
```

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, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 180, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.609, 154.713 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, 180, 164) }
```

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

```
.border{ border-color:rgb(156, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 180,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.609, 154.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 180, 164) }
```

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

```
.background{ background-color: rgb(156,  
180, 164) }
```

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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