

Converting Colors

CIELCh(71, 16.100, 160.530)

Have a look what the booklet for
CIELCh(71, 16.100, 160.530)
contains.

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Color

CIELCh(71, 16.084, 160.539)

Conversions

Conversions Part 1

Format	Color
Hex	94B6A4
RGB	148, 182, 164
RGB Percent	58%, 71%, 64%
CMY	0.4213, 0.2881, 0.3586
CMYK	0.19, 0.00, 0.10, 0.29
HSL	148°, 19%, 65%
HSV	148°, 19%, 71%
XYZ	35.4273, 42.1875, 41.1858
YIQ	169.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

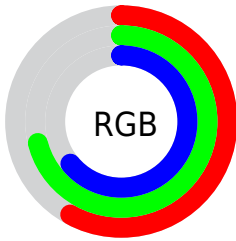
Format	Color
RYB	148, 171, 182
Decimal	9746084
CIELab	71.00, -15.17, 5.36
CIElCh	71, 16.084, 160.539
Yxy	42.1875, 0.2982, 0.3551
Android (android.graphics.Color)	4287936164 (0xFF94B6A4)
YUV	169.7820, -2.8505, -19.1028
Hunter-Lab	64.9519, -16.3049, 7.8707

Details

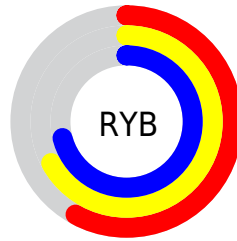
The CIELCh color **71, 16.084, 160.539** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 16.413, 343.651**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 16.182, 160.930**, and **51, 16.118, 159.919** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.575, 159.537**, and if you desaturate by 10%, it is **72, 7.492, 161.449**.

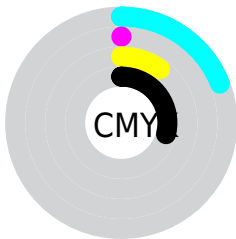
Distribution



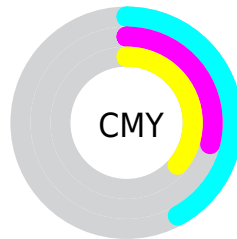
- Red (58%)
- Green (71%)
- Blue (64%)



- Red (58%)
- Yellow (67%)
- Blue (71%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (42%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 16.084, 160.539 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, 16.084, 160.539 by changing the saturation by 10% instead.


 71, 16.084,
160.539


 71, 16.084,
160.539


 100, 16.084,
160.539


 61, 16.084,
160.539


 91, 16.084,
160.539

 51, 16.084,
160.539

 41, 16.084,
160.539

 31, 16.084,
160.539

 21, 16.084,
160.539

 11, 16.084,
160.539

 1, 16.084, 160.539

■ 0, 16.084, 160.539

■ 71, 16.084,
160.539

■ 71, 16.084,
160.539

■ 70, 24.575,
159.537

■ 72, 7.492, 161.449

■ 69, 32.835,
158.416

■ 74, 1.101, 341.864

■ 76, 9.612, 342.883

■ 68, 40.725,
157.146

■ 78, 17.979,
343.563

■ 67, 48.100,
155.705

■ 80, 26.159,
344.179

■ 66, 54.828,
154.071

■ 82, 33.706,
344.120

■ 66, 60.808,
152.231

■ 82, 36.734,
337.661

■ 65, 65.997,
150.187

■ 82, 40.191,
332.328

■ 65, 70.477,
148.012

■ 83, 43.969,
327.953

■ 65, 71.030,
147.747

Harmonies

Complementary

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



71, 16.084, 160.539



65, 16.413, 343.651

Rectangle

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



71, 16.084, 160.539



71, 16.084, 210.539



71, 16.084, 340.539



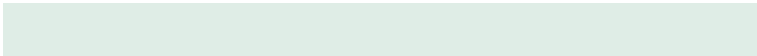
71, 16.084, 30.539

Sweetspot

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



71, 16.086, 160.537



93, 6.398, 161.687



72, 19.411, 127.037



50, 4.279, 161.627



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 16.086, 160.537



90, 23.462, 160.184



71, 12.116, 195.523



38, 4.912, 161.394



56, 62.977, 148.044



8, 14.716, 156.463

Inverse Universe

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



65, 16.413, 343.651



80, 24.030, 343.997



64, 13.571, 18.066



36, 4.966, 342.807



33, 59.032, 358.665



3, 12.420, 349.098

Previews

White Background



This preview shows how the CIELCh color 71, 16.084, 160.539 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, 16.084, 160.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

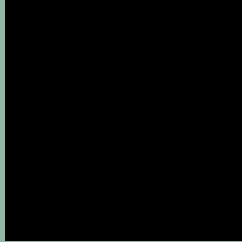
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 16.084, 160.539

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.084, 160.539.



This preview shows how white text looks on a background with the CIELCh color 71, 16.084, 160.539.

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, 16.084, 160.539

Protanopia
71, 8.076, 89.663

Deuteranopia
71, 9.776, 26.554



Tritanopia
71, 11.521, 244.472

Trichromacy



Original Color
71, 16.084, 160.539

Protanomaly
71, 8.741, 129.876

Deuteranomaly
71, 4.491, 94.899

Tritanomaly
71, 10.059, 208.072

Monochromacy



Original Color
71, 16.084, 160.539

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 6.238, 161.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.084, 160.539 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, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(148, 182, 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(148, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 182, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.084, 160.539 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, 182, 164) }
```

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

```
.border{ border-color:rgb(148, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(148, 182,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.084, 160.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 182, 164) }
```

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

```
.background{ background-color: rgb(148,  
182, 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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