

Converting Colors

CIELCh(71, 14.817, 252.585)

Have a look what the booklet for
CIELCh(71, 14.817, 252.585)
contains.

CIELCh(71, 14.869, 253.194)	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(71, 14.869, 253.194)

Conversions

Conversions Part 1

Format	Color
Hex	96B1C7
RGB	150, 177, 199
RGB Percent	59%, 69%, 78%
CMY	0.4108, 0.3049, 0.2186
CMYK	0.25, 0.11, 0.00, 0.22
HSL	207°, 31%, 69%
HSV	207°, 25%, 78%
XYZ	38.7346, 42.1875, 60.2919
YIQ	171.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

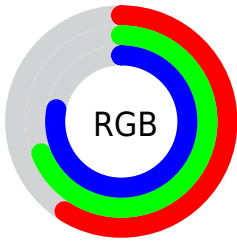
Format	Color
R_{YB}	150, 167, 199
Decimal	9875911
CIE Lab	71.00, -4.30, -14.23
CIE LCh	71, 14.869, 253.194
Yxy	42.1875, 0.2743, 0.2987
Android (android.graphics.Color)	4288065991 (0xFF96B1C7)
YUV	171.4350, 13.5895, -18.7985
Hunter-Lab	64.9519, -7.2158, -9.5699

Details

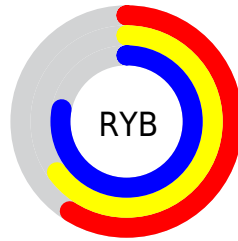
The CIELCh color $71, 14.869, 253.194$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 16.230, 66.882$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.466, 251.331$, and $51, 14.962, 254.233$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.649, 255.101$, and if you desaturate by 10%, it is $75, 8.919, 251.611$.

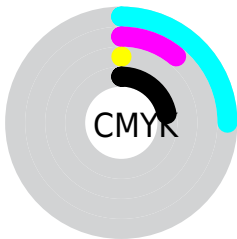
Distribution



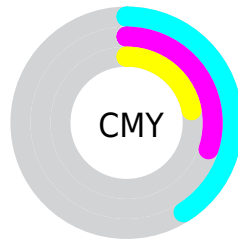
- Red (59%)
- Green (69%)
- Blue (78%)



- Red (59%)
- Yellow (65%)
- Blue (78%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)





- Cyan (41%)
- Magenta (30%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 14.869, 253.194 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, 14.869, 253.194 by changing the saturation by 10% instead.


 71, 14.869,
253.194


 71, 14.869,
253.194


 100, 14.869,
253.194


 61, 14.869,
253.194


 91, 14.869,
253.194

 51, 14.869,
253.194

 41, 14.869,
253.194

 31, 14.869,
253.194

 21, 14.869,
253.194

 11, 14.869,
253.194

 1, 14.869, 253.194

0, 14.869, 253.194

71, 14.869,
253.194

71, 14.869,
253.194

67, 20.649,
255.101

75, 8.919, 251.611

79, 2.837, 250.376

64, 26.230,
257.405

82, 3.345, 68.993

60, 31.594,
260.169

86, 9.594, 68.127

57, 36.748,
263.449

90, 15.884, 67.339

93, 18.725, 79.572

53, 41.733,
267.273

95, 21.530, 93.068

50, 46.636,
271.609

97, 25.228,
102.920

■ 47, 51.576,
276.331

■ 99, 28.104,
108.043

■ 46, 54.332,
278.857

Harmonies

Complementary

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



71, 14.869, 253.194



72, 16.230, 66.882

Rectangle

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



71, 14.869, 253.194



71, 14.869, 303.194



71, 14.869, 73.194



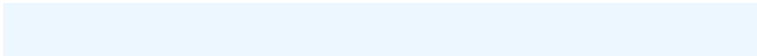
71, 14.869, 123.194

Sweetspot

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



71, 14.868, 253.189



97, 5.265, 250.638



76, 23.415, 158.129



51, 3.419, 250.709



0, 0.000, 0.000



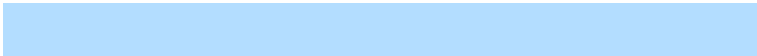
53, 0.007, 296.813

Same Dimension

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



71, 14.868, 253.189



86, 21.997, 254.262



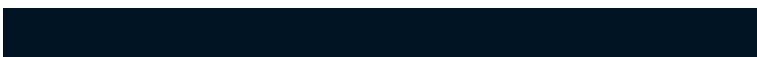
65, 25.481, 290.368



40, 3.478, 250.912



38, 46.234, 278.098



6, 13.209, 265.438

Inverse Universe

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



67, 23.683, 343.076



81, 35.354, 343.657



78, 24.249, 104.850



39, 5.385, 341.700



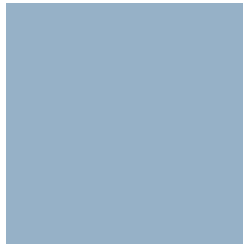
35, 61.511, 356.866



4, 18.403, 349.842

Previews

White Background



This preview shows how the CIELCh color 71, 14.869, 253.194 looks on a white background.

Color Contrast Check

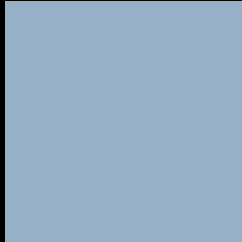
Large Text (above 18pt) WCAG AA × Fail

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, 14.869, 253.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

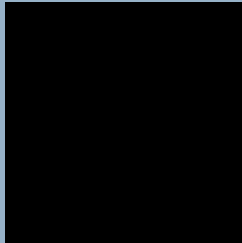
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

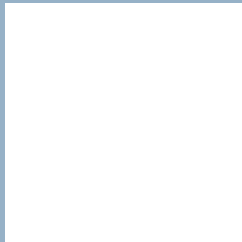
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 14.869, 253.194

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.869, 253.194.



This preview shows how white text looks on a background with the CIELCh color 71, 14.869, 253.194.

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
71, 12.720, 239.095

Trichromacy



Original Color
71, 14.869, 253.194

Protanomaly
71, 13.041, 274.289

Deuteranomaly
71, 15.368, 285.177

Tritanomaly
71, 13.379, 242.998

Monochromacy



Original Color
71, 14.869, 253.194

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 5.625, 250.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.869, 253.194 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(150, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 177, 199)  
}
```

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(150, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 177, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.869, 253.194 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(150, 177, 199) }
```

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

```
.border{ border-color:rgb(150, 177, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 177, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(150, 177,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.869, 253.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 177, 199) }
```

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

```
.background{ background-color: rgb(150,  
177, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor