

Converting Colors

CIELCh(71, 13.470, 265.096)

Have a look what the booklet for
CIELCh(71, 13.470, 265.096)
contains.

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Color

CIELCh(71, 13.710, 266.039)

Conversions

Conversions Part 1

Format	Color
Hex	9EAF6C
RGB	158, 175, 198
RGB Percent	62%, 69%, 78%
CMY	0.3791, 0.3124, 0.2222
CMYK	0.20, 0.12, 0.00, 0.22
HSL	214°, 26%, 70%
HSV	214°, 20%, 78%
XYZ	39.7949, 42.1875, 59.6809
YIQ	172.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

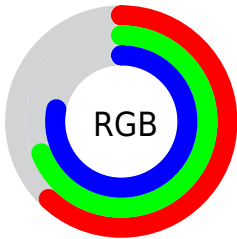
Format	Color
R_{YB}	158, 170, 198
Decimal	10399686
CIE _{Lab}	71.00, -0.95, -13.68
CIE _{LCh}	71, 13.710, 266.039
Yxy	42.1875, 0.2809, 0.2978
Android (android.graphics.Color)	4288589766 (0xFF9EAF66)
YUV	172.5390, 12.5523, -12.7507
Hunter-Lab	64.9519, -4.3019, -9.0121

Details

The CIELCh color $71, 13.710, 266.039$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 14.113, 80.481$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.017, 267.363$, and $51, 13.485, 264.837$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.520, 267.874$, and if you desaturate by 10%, it is $75, 6.907, 264.485$.

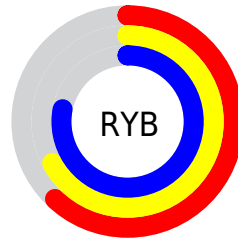
Distribution



Red (62%)

Green (69%)

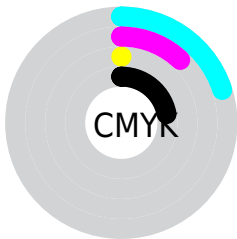
Blue (78%)



Red (62%)

Yellow (67%)

Blue (78%)

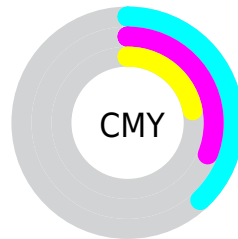


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 13.710, 266.039 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, 13.710, 266.039 by changing the saturation by 10% instead.

■ 71, 13.710,
266.039

■ 71, 13.710,
266.039

■ 100, 13.710,
266.039

■ 61, 13.710,
266.039

■ 91, 13.710,
266.039

■ 51, 13.710,
266.039

■ 41, 13.710,
266.039

■ 31, 13.710,
266.039

■ 21, 13.710,
266.039

■ 11, 13.710,
266.039

■ 1, 13.710, 266.039

0, 13.710, 266.039

71, 13.710,
266.039

71, 13.710,
266.039

67, 20.520,
267.874

75, 6.907, 264.485

80, 0.125, 265.564

62, 27.333,
270.045

84, 6.625, 81.900

58, 34.153,
272.596

89, 13.329, 80.927

54, 40.999,
275.566

93, 19.519, 82.547

96, 23.508, 97.914

50, 47.914,
278.967

99, 28.559,
108.008

46, 54.956,
282.759

■ 42, 62.177,
286.823

■ 39, 69.466,
290.798

Harmonies

Complementary

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



71, 13.710, 266.039



75, 14.113, 80.481

Rectangle

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



71, 13.710, 266.039



71, 13.710, 316.039



71, 13.710, 86.039



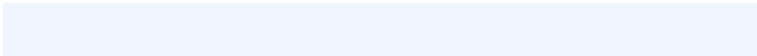
71, 13.710, 136.039

Sweetspot

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



71, 13.709, 266.034



97, 4.996, 263.942



77, 17.325, 165.583



51, 3.313, 264.025



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, 13.709, 266.034



87, 20.007, 266.767



67, 22.206, 294.805



40, 3.859, 264.375



32, 59.208, 290.177



4, 15.234, 275.932

Inverse Universe

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



69, 17.840, 349.784



84, 26.142, 350.247



79, 21.203, 111.067



39, 4.955, 348.681



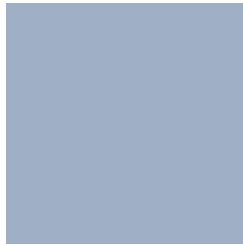
34, 60.505, 8.722



4, 17.220, 357.453

Previews

White Background



This preview shows how the CIELCh color 71, 13.710, 266.039 looks on a white background.

Color Contrast Check

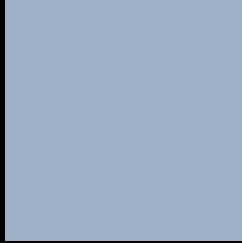
Large Text (above 18pt) WCAG AA × Fail

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, 13.710, 266.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

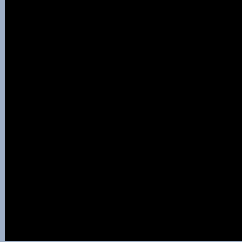
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

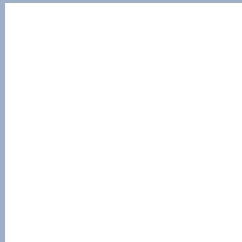
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.710, 266.039

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.710, 266.039.



This preview shows how white text looks on a background with the CIELCh color 71, 13.710, 266.039.

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, 10.233, 247.545

Trichromacy



Original Color
71, 13.710, 266.039

Protanomaly
71, 13.285, 280.825

Deuteranomaly
71, 15.317, 291.681

Tritanomaly
71, 11.691, 256.624

Monochromacy



Original Color
71, 13.710, 266.039

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.853, 263.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.710, 266.039 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(158, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 198)  
}
```

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(158, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.710, 266.039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

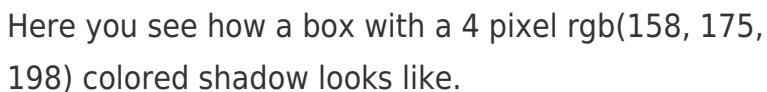
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 175, 198) }
```

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

```
.border{ border-color:rgb(158, 175, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 175, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 175, 198); box-shadow:4px 4px 4px 4px rgb(158, 175, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.710, 266.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 175, 198) }
```

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

```
.background{ background-color: rgb(158,  
175, 198) }
```

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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