

Converting Colors

CIELCh(71, 10.251, 267.498)

Have a look what the booklet for
CIELCh(71, 10.251, 267.498)
contains.

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Color

CIELCh(71, 10.108, 266.269)

Conversions

Conversions Part 1

Format	Color
Hex	A3AFC0
RGB	163, 175, 192
RGB Percent	64%, 69%, 75%
CMY	0.3612, 0.3142, 0.2475
CMYK	0.15, 0.09, 0.00, 0.25
HSL	215°, 19%, 70%
HSV	215°, 15%, 75%
XYZ	39.8873, 42.1875, 55.8386
YIQ	173.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

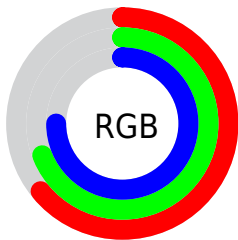
Format	Color
R_{YB}	163, 171, 192
Decimal	10727360
CIE Lab	71.00, -0.66, -10.09
CIE LCh	71, 10.108, 266.269
Yxy	42.1875, 0.2892, 0.3059
Android (android.graphics.Color)	4288917440 (0xFFA3AFC0)
YUV	173.3500, 9.1945, -9.0769
Hunter-Lab	64.9519, -4.0480, -5.5048

Details

The CIELCh color **71, 10.108, 266.269** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 10.293, 82.191**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 10.103, 267.118**, and **51, 10.205, 265.595** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.825, 267.943**, and if you desaturate by 10%, it is **75, 3.415, 264.873**.

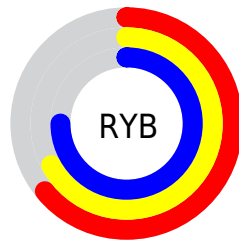
Distribution



Red (64%)

Green (69%)

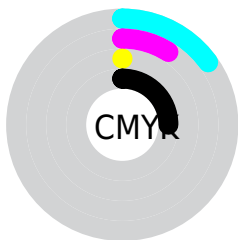
Blue (75%)



Red (64%)

Yellow (67%)

Blue (75%)

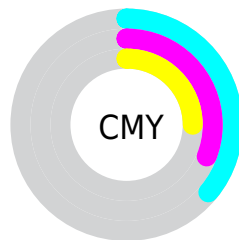


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 10.108, 266.269 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, 10.108, 266.269 by changing the saturation by 10% instead.

■ 71, 10.108,
266.269

■ 71, 10.108,
266.269

■ 100, 10.108,
266.269

■ 61, 10.108,
266.269

■ 91, 10.108,
266.269

■ 51, 10.108,
266.269

■ 41, 10.108,
266.269

■ 31, 10.108,
266.269

■ 21, 10.108,
266.269

■ 11, 10.108,
266.269

■ 1, 10.108, 266.269

0, 10.108, 266.269

71, 10.108,
266.269

71, 10.108,
266.269

67, 16.825,
267.943

75, 3.415, 264.873

80, 3.240, 83.459

62, 23.563,
269.928

84, 9.848, 82.450

58, 30.320,
272.263

89, 16.397, 81.533

54, 37.108,
274.992

93, 22.204, 84.104

95, 26.157, 97.484

50, 43.960,
278.141

98, 31.118,
106.823

46, 50.922,
281.699

99, 31.778,

■ 42, 58.049,
285.587

107.760

■ 38, 65.361,
289.646

■ 37, 69.005,
291.532

Harmonies

Complementary

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



71, 10.108, 266.269



74, 10.293, 82.191

Rectangle

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



71, 10.108, 266.269



71, 10.108, 316.269



71, 10.108, 86.269



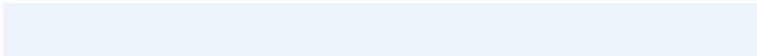
71, 10.108, 136.269

Sweetspot

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



71, 10.107, 266.262



96, 4.140, 264.869



75, 12.514, 167.072



51, 2.824, 264.954



99, 0.012, 296.813



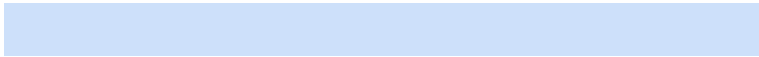
52, 0.007, 296.813

Same Dimension

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



71, 10.107, 266.262



88, 14.928, 266.765



68, 16.037, 294.848



39, 3.819, 265.423



31, 59.652, 290.963



4, 14.009, 275.594

Inverse Universe

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



70, 12.841, 349.930



87, 19.036, 350.262



77, 15.502, 112.199



38, 4.817, 349.351



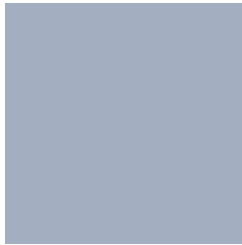
34, 59.863, 9.724



3, 15.185, 357.376

Previews

White Background



This preview shows how the CIELCh color 71, 10.108, 266.269 looks on a white background.

Color Contrast Check

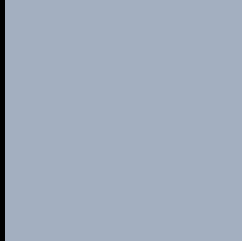
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 10.108, 266.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

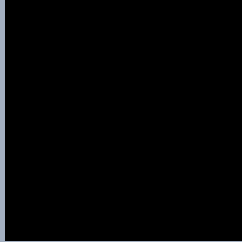
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

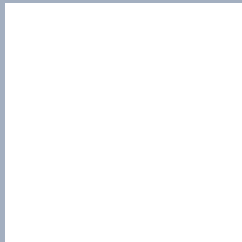
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.108, 266.269

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.108, 266.269.



This preview shows how white text looks on a background with the CIELCh color 71, 10.108, 266.269.

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

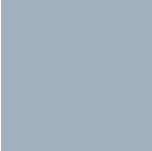
71, 10.108, 266.269

Protanopia

71, 9.842, 291.152

Deuteranopia

71, 13.888, 309.620



Tritanopia
71, 8.838, 259.379

Trichromacy



Original Color
71, 10.108, 266.269

Protanomaly
71, 9.910, 282.856

Deuteranomaly
71, 12.102, 296.452

Tritanomaly
71, 9.300, 261.248

Monochromacy



Original Color
71, 10.108, 266.269

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.731, 261.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.108, 266.269 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(163, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 175, 192)  
}
```

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(163, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 175, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.108, 266.269 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(163, 175, 192) }
```

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

```
.border{ border-color:rgb(163, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 175,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.108, 266.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 175, 192) }
```

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

```
.background{ background-color: rgb(163,  
175, 192) }
```

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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