

Converting Colors

CIELCh(71, 13.296, 268.488)

Have a look what the booklet for
CIELCh(71, 13.296, 268.488)
contains.

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Color

CIELCh(71, 13.455, 268.674)

Conversions

Conversions Part 1

Format	Color
Hex	A0AFC6
RGB	160, 175, 198
RGB Percent	63%, 69%, 78%
CMY	0.3727, 0.3139, 0.2237
CMYK	0.19, 0.12, 0.00, 0.22
HSL	216°, 25%, 70%
HSV	216°, 19%, 78%
XYZ	39.9982, 42.1875, 59.4341
YIQ	173.1370, -16.3230, 3.9730

Conversions

Conversions Part 2

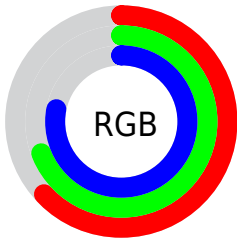
Format	Color
R_{YB}	160, 171, 198
Decimal	10530758
CIE Lab	71.00, -0.31, -13.45
CIE LCh	71, 13.455, 268.674
Yxy	42.1875, 0.2824, 0.2979
Android (android.graphics.Color)	4288720838 (0xFFA0AFC6)
YUV	173.1370, 12.2575, -11.5211
Hunter-Lab	64.9519, -3.7434, -8.7869

Details

The CIELCh color $71, 13.455, 268.674$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 13.714, 83.420$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.782, 269.886$, and $51, 13.212, 267.563$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.530, 270.466$, and if you desaturate by 10%, it is $76, 6.424, 267.153$.

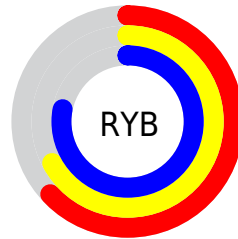
Distribution



Red (63%)

Green (69%)

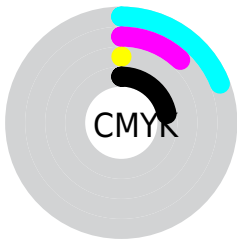
Blue (78%)



Red (63%)

Yellow (67%)

Blue (78%)

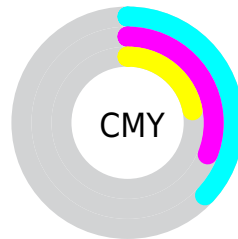


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (37%)


Magenta (31%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.455, 268.674 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, 13.455, 268.674 by changing the saturation by 10% instead.


 71, 13.455,
268.674


 71, 13.455,
268.674


 100, 13.455,
268.674


 61, 13.455,
268.674


 91, 13.455,
268.674

 51, 13.455,
268.674

 41, 13.455,
268.674

 31, 13.455,
268.674

 21, 13.455,
268.674

 11, 13.455,
268.674

 1, 13.455, 268.674

0, 13.455, 268.674

71, 13.455,
268.674

71, 13.455,
268.674

66, 20.530,
270.466

76, 6.424, 267.153

62, 27.652,
272.580

80, 0.551, 85.276

57, 34.828,
275.057

85, 7.465, 84.617

53, 42.081,
277.934

89, 14.307, 83.650

49, 49.451,
281.221

94, 20.440, 86.614

45, 56.987,
284.877

97, 25.004,
101.137

99, 28.754,
107.993

■ 41, 64.721,
288.784

■ 37, 72.621,
292.684

■ 37, 73.264,
292.975

Harmonies

Complementary

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



71, 13.455, 268.674



75, 13.714, 83.420

Rectangle

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



71, 13.455, 268.674



71, 13.455, 318.674



71, 13.455, 88.674



71, 13.455, 138.674

Sweetspot

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



71, 13.454, 268.669



97, 5.146, 266.745



77, 16.076, 167.662



51, 3.413, 266.828



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, 13.454, 268.669



87, 19.827, 269.379



67, 21.082, 295.884



40, 3.978, 267.179



30, 62.539, 292.390



4, 15.714, 277.778

Inverse Universe

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



70, 16.640, 351.558



85, 24.615, 352.026



79, 20.187, 112.552



39, 4.864, 350.532



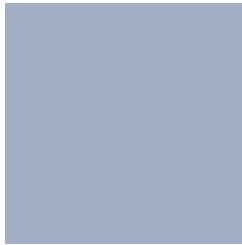
34, 60.729, 11.632



4, 17.013, 359.181

Previews

White Background



This preview shows how the CIELCh color 71, 13.455, 268.674 looks on a white background.

Color Contrast Check

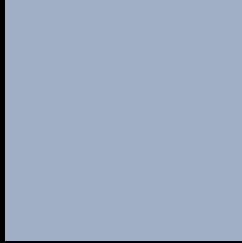
Large Text (above 18pt) WCAG AA × Fail

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, 13.455, 268.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

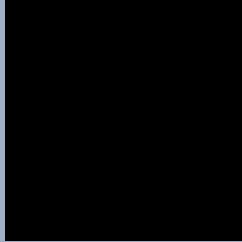
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

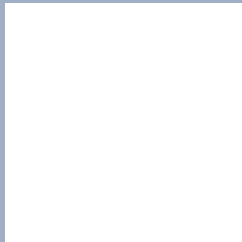
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.455, 268.674

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.455, 268.674.



This preview shows how white text looks on a background with the CIELCh color 71, 13.455, 268.674.

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

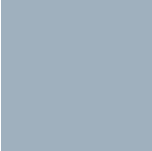
71, 13.455, 268.674

Protanopia

71, 13.126, 288.383

Deuteranopia

71, 16.782, 302.725



Tritanopia
71, 9.594, 252.165

Trichromacy



Original Color
71, 13.455, 268.674

Protanomaly
71, 13.285, 280.825

Deuteranomaly
71, 15.317, 291.681

Tritanomaly
71, 10.889, 257.894

Monochromacy



Original Color
71, 13.455, 268.674

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, 13.455, 268.674 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(160, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.455, 268.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

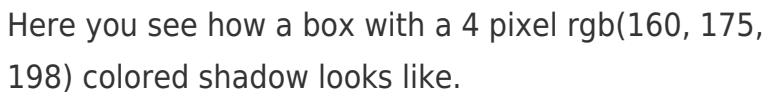
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 175, 198) }
```

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

```
.border{ border-color:rgb(160, 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(160, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.455, 268.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 198) }
```

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

```
.background{ background-color: rgb(160,  
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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