

Converting Colors

CIELCh(71, 6.388, 256.882)

Have a look what the booklet for
CIELCh(71, 6.388, 256.882) contains.

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Color

CIELCh(71, 6.480, 256.879)

Conversions

Conversions Part 1

Format	Color
Hex	A5AFB9
RGB	165, 175, 185
RGB Percent	65%, 69%, 73%
CMY	0.3528, 0.3135, 0.2743
CMYK	0.11, 0.05, 0.00, 0.27
HSL	210°, 13%, 69%
HSV	210°, 11%, 73%
XYZ	39.6279, 42.1875, 51.9801
YIQ	173.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

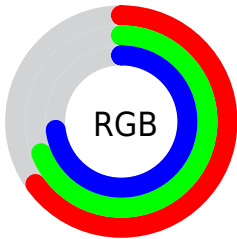
Format	Color
RYB	165, 172, 185
Decimal	10858425
CIELab	71.00, -1.47, -6.31
CIELCh	71, 6.480, 256.879
Yxy	42.1875, 0.2962, 0.3153
Android (android.graphics.Color)	4289048505 (0xFFA5AFB9)
YUV	173.1500, 5.8420, -7.1476
Hunter-Lab	64.9519, -4.7609, -1.9826

Details

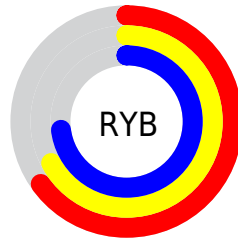
The CIELCh color $71, 6.480, 256.879$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 6.648, 74.050$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.611, 259.165$, and $51, 6.402, 254.388$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.405, 258.390$, and if you desaturate by 10%, it is $75, 0.493, 256.204$.

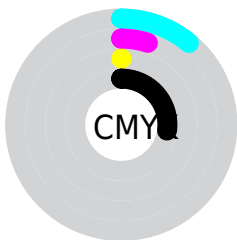
Distribution



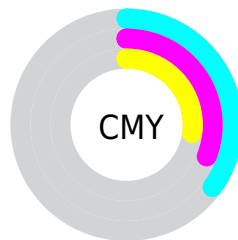
- Red (65%)
- Green (69%)
- Blue (73%)



- Red (65%)
- Yellow (67%)
- Blue (73%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.480, 256.879 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, 6.480, 256.879 by changing the saturation by 10% instead.

■ 71, 6.480, 256.879

■ 71, 6.480, 256.879

■ 100, 6.480,
256.879

■ 61, 6.480, 256.879

■ 91, 6.480, 256.879

■ 51, 6.480, 256.879

■ 41, 6.480, 256.879

■ 31, 6.480, 256.879

■ 21, 6.480, 256.879

■ 11, 6.480, 256.879

■ 1, 6.480, 256.879

■ 0, 6.480, 256.879

■ 71, 6.480, 256.879

■ 71, 6.480, 256.879

67, 12.405,
258.390

75, 0.493, 256.204

63, 18.248,
260.223

79, 5.530, 74.320

60, 23.987,
262.408

83, 11.569, 73.397

56, 29.613,
265.004

86, 17.606, 72.582

52, 35.130,
268.061

90, 23.010, 73.864

49, 40.574,
271.607

92, 25.288, 86.229

46, 46.009,
275.619

95, 28.531, 96.067

43, 51.521,
279.998

97, 32.424,
103.619

40, 56.751,

99, 35.159,
107.499

Harmonies

Complementary

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



71, 6.480, 256.879



72, 6.648, 74.050

Rectangle

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



71, 6.480, 256.879



71, 6.480, 306.879



71, 6.480, 76.879



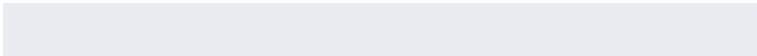
71, 6.480, 126.879

Sweetspot

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



71, 6.479, 256.865



93, 2.232, 255.964



73, 9.347, 161.916



49, 1.689, 256.026



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, 6.479, 256.865



89, 9.604, 257.204



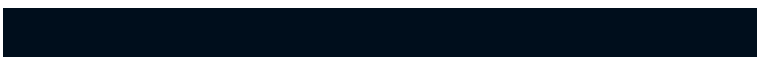
68, 10.830, 290.643



37, 3.377, 256.666



34, 49.261, 283.407



4, 10.212, 267.346

Inverse Universe

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



70, 9.365, 344.503



87, 13.938, 344.724



75, 10.574, 108.462



36, 4.869, 344.368



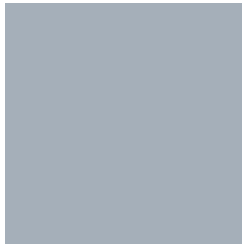
33, 58.651, 1.367



3, 12.209, 350.782

Previews

White Background



This preview shows how the CIELCh color 71, 6.480, 256.879 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, 6.480, 256.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

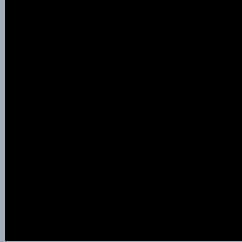
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

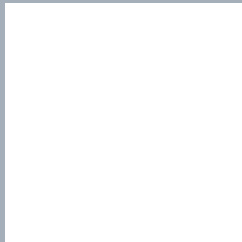
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.480, 256.879

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.480, 256.879.



This preview shows how white text looks on a background with the CIELCh color 71, 6.480, 256.879.

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, 6.480, 256.879

Protanopia

71, 6.028, 294.259

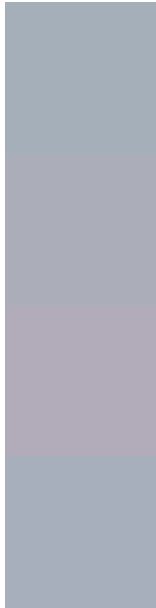
Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 7.731, 266.196

Trichromacy



Original Color
71, 6.480, 256.879

Protanomaly
71, 5.551, 279.360

Deuteranomaly
71, 8.630, 308.251

Tritanomaly
71, 7.243, 264.287

Monochromacy



Original Color
71, 6.480, 256.879

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.194, 247.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.480, 256.879 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(165, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 185)  
}
```

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(165, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.480, 256.879 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(165, 175, 185) }
```

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

```
.border{ border-color:rgb(165, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.480, 256.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 185) }
```

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

```
.background{ background-color: rgb(165,  
175, 185) }
```

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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