

Converting Colors

CIELCh(71, 5.584, 245.768)

Have a look what the booklet for
CIELCh(71, 5.584, 245.768) contains.

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Color

CIELCh(71, 5.619, 250.428)

Conversions

Conversions Part 1

Format	Color
Hex	A5AFB7
RGB	165, 175, 183
RGB Percent	65%, 69%, 72%
CMY	0.3521, 0.3129, 0.2815
CMYK	0.10, 0.04, 0.00, 0.28
HSL	207°, 11%, 68%
HSV	207°, 10%, 72%
XYZ	39.4972, 42.1875, 50.9726
YIQ	172.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

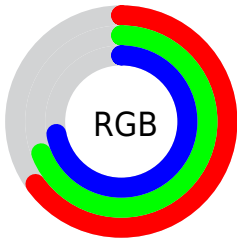
Format	Color
R_{YB}	165, 171, 183
Decimal	10858423
CIE _{Lab}	71.00, -1.88, -5.29
CIE _{LCh}	71, 5.619, 250.428
Yxy	42.1875, 0.2977, 0.3180
Android (android.graphics.Color)	4289048503 (0xFFA5AFB7)
YUV	172.9220, 4.9685, -6.9476
Hunter-Lab	64.9519, -5.1202, -1.0630

Details

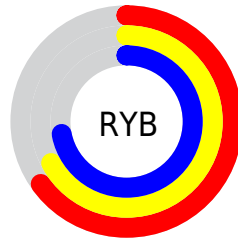
The CIELCh color $71, 5.619, 250.428$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 5.799, 67.996$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.761, 253.592$, and $51, 5.529, 246.852$ is the 20% darker color. If you saturate the color by 10%, you get $67, 11.218, 251.821$, and if you desaturate by 10%, it is $75, 0.094, 65.040$.

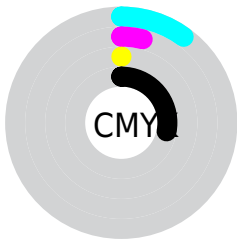
Distribution



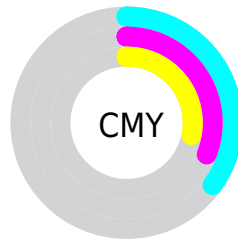
- Red (65%)
- Green (69%)
- Blue (72%)



- Red (65%)
- Yellow (67%)
- Blue (72%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.619, 250.428 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, 5.619, 250.428 by changing the saturation by 10% instead.

■ 71, 5.619, 250.428

■ 71, 5.619, 250.428

■ 100, 5.619,
250.428

■ 61, 5.619, 250.428

■ 91, 5.619, 250.428

■ 51, 5.619, 250.428

■ 41, 5.619, 250.428

■ 31, 5.619, 250.428

■ 21, 5.619, 250.428

■ 11, 5.619, 250.428

■ 1, 5.619, 250.428

■ 0, 5.619, 250.428

■ 71, 5.619, 250.428

■ 71, 5.619, 250.428

67, 11.218,
251.821

75, 0.094, 65.040

64, 16.671,
253.544

78, 5.888, 68.051

61, 21.946,
255.624

82, 11.735, 67.222

57, 27.018,
258.127

85, 17.613, 66.496

54, 31.879,
261.117

89, 23.002, 67.143

51, 36.549,
264.639

91, 24.403, 78.786

48, 41.086,
268.700

93, 26.694, 88.724

45, 45.587,
273.227

95, 29.652, 96.808

43, 50.199,

97, 33.080,
103.243

277.926

Harmonies

Complementary

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



71, 5.619, 250.428



71, 5.799, 67.996

Rectangle

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



71, 5.619, 250.428



71, 5.619, 300.428



71, 5.619, 70.428



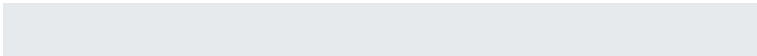
71, 5.619, 120.428

Sweetspot

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



71, 5.618, 250.411



92, 2.133, 249.720



73, 8.741, 159.497



49, 1.628, 249.769



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, 5.618, 250.411



89, 8.442, 250.717



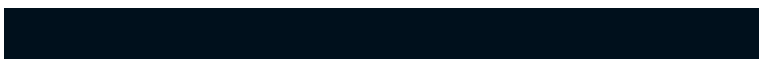
69, 9.247, 288.425



37, 3.247, 250.350



36, 44.055, 277.337



4, 9.698, 262.428

Inverse Universe

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



70, 8.760, 341.497



86, 13.226, 341.701



74, 9.067, 106.371



36, 5.057, 341.455



33, 59.503, 356.292



3, 12.626, 347.577

Previews

White Background



This preview shows how the CIELCh color 71, 5.619, 250.428 looks on a white background.

Color Contrast Check

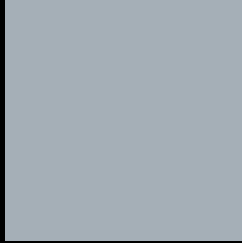
Large Text (above 18pt) WCAG AA × Fail

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, 5.619, 250.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

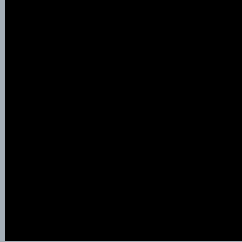
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

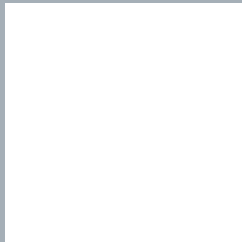
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.619, 250.428

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.619, 250.428.



This preview shows how white text looks on a background with the CIELCh color 71, 5.619, 250.428.

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, 5.619, 250.428

Protanopia

71, 4.939, 294.944

Deuteranopia

71, 10.610, 324.888



Tritanopia
71, 8.110, 270.218

Trichromacy



Original Color
71, 5.619, 250.428

Protanomaly
71, 4.489, 276.447

Deuteranomaly
71, 7.596, 310.684

Tritanomaly
71, 7.106, 266.894

Monochromacy



Original Color
71, 5.619, 250.428

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, 5.619, 250.428 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.619, 250.428 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, 183) }
```

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

```
.border{ border-color:rgb(165, 175, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.619, 250.428 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, 183) }
```

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

```
.background{ background-color: rgb(165,  
175, 183) }
```

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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