

Converting Colors

CIELCh(71, 17.507, 262.440)

Have a look what the booklet for
CIELCh(71, 17.507, 262.440)
contains.

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Color

CIELCh(71, 17.655, 263.375)

Conversions

Conversions Part 1

Format	Color
Hex	97B0CD
RGB	151, 176, 205
RGB Percent	59%, 69%, 80%
CMY	0.4067, 0.3087, 0.1949
CMYK	0.26, 0.14, 0.00, 0.19
HSL	212°, 35%, 70%
HSV	212°, 26%, 81%
XYZ	39.4481, 42.1875, 64.0034
YIQ	171.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

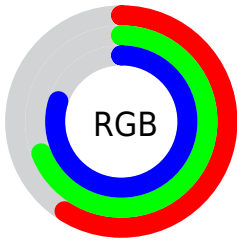
Format	Color
R _Y B	151, 168, 205
Decimal	9941197
CIE _{Lab}	71.00, -2.04, -17.54
CIE _{LCh}	71, 17.655, 263.375
Y _{xy}	42.1875, 0.2709, 0.2897
Android (android.graphics.Color)	4288131277 (0xFF97B0CD)
YUV	171.8310, 16.3523, -18.2688
Hunter-Lab	64.9519, -5.2551, -12.9579

Details

The CIELCh color $71, 17.655, 263.375$ is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be $75, 18.654, 75.960$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.496, 254.745$, and $51, 17.600, 262.972$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.286, 265.425$, and if you desaturate by 10%, it is $75, 10.971, 261.643$.

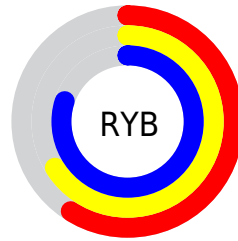
Distribution



Red (59%)

Green (69%)

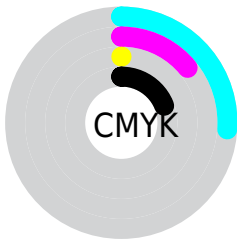
Blue (80%)



Red (59%)

Yellow (66%)

Blue (80%)

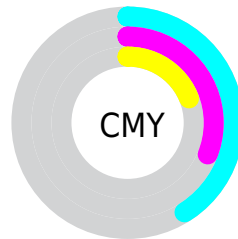


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (41%)


Magenta (31%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.655, 263.375 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, 17.655, 263.375 by changing the saturation by 10% instead.


 71, 17.655,
263.375


 71, 17.655,
263.375


 100, 17.655,
263.375


 61, 17.655,
263.375


 91, 17.655,
263.375

 51, 17.655,
263.375

 41, 17.655,
263.375

 31, 17.655,
263.375

 21, 17.655,
263.375

 11, 17.655,
263.375

 1, 17.655, 263.375

0, 17.655, 263.375

71, 17.655,
263.375

71, 17.655,
263.375

67, 24.286,
265.425

75, 10.971,
261.643

62, 30.860,
267.856

80, 4.254, 260.218

58, 37.380,
270.716

84, 2.477, 78.741

89, 9.205, 77.766

54, 43.878,
274.036

93, 15.911, 76.852

50, 50.411,
277.808

96, 19.521, 94.670

99, 24.349,
106.963

47, 57.057,
281.952

■ 43, 63.887,
286.297

■ 99, 25.090,
108.274

■ 42, 66.474,
287.826

Harmonies

Complementary

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



71, 17.655, 263.375



75, 18.654, 75.960

Rectangle

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



71, 17.655, 263.375



71, 17.655, 313.375



71, 17.655, 83.375



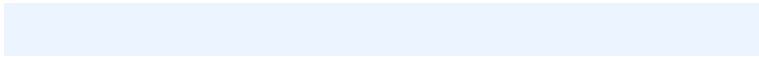
71, 17.655, 133.375

Sweetspot

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



71, 17.654, 263.372



96, 6.429, 260.447



78, 23.729, 163.057



50, 4.567, 260.653



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, 17.654, 263.372



83, 25.557, 264.582



65, 30.141, 294.430



41, 3.802, 260.621



34, 55.813, 287.120



5, 15.846, 274.258

Inverse Universe

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



68, 24.601, 348.180



80, 35.791, 348.887



81, 28.317, 109.089



40, 5.183, 346.458



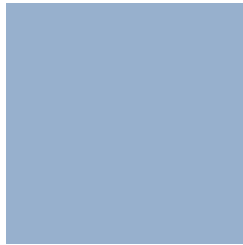
35, 61.176, 5.139



4, 19.573, 355.815

Previews

White Background



This preview shows how the CIELCh color 71, 17.655, 263.375 looks on a white background.

Color Contrast Check

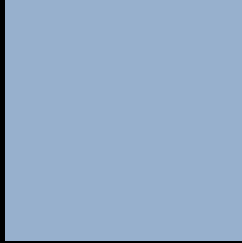
Large Text (above 18pt) WCAG AA × Fail

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, 17.655, 263.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

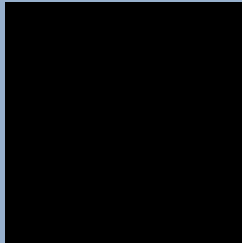
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

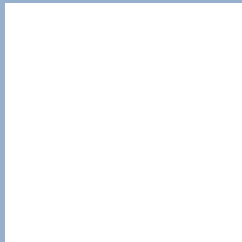
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 17.655, 263.375

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.655, 263.375.



This preview shows how white text looks on a background with the CIELCh color 71, 17.655, 263.375.

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, 17.655, 263.375

Protanopia

71, 16.426, 286.938

Deuteranopia

71, 20.910, 296.935



Tritanopia
71, 12.720, 239.095

Trichromacy



Original Color
71, 17.655, 263.375

Protanomaly
71, 16.252, 277.049

Deuteranomaly
71, 18.646, 285.670

Tritanomaly
71, 14.062, 250.197

Monochromacy



Original Color
71, 17.655, 263.375

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.486, 256.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.655, 263.375 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(151, 176, 205)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 205)  
}
```

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(151, 176, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.655, 263.375 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(151, 176, 205) }
```

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

```
.border{ border-color:rgb(151, 176, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 176, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 176, 205); box-shadow:4px 4px 4px 4px rgb(151, 176, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.655, 263.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 176, 205) }
```

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

```
.background{ background-color: rgb(151,  
176, 205) }
```

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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