

Converting Colors

CIELCh(71, 27.144, 261.694)

Have a look what the booklet for
CIELCh(71, 27.144, 261.694)
contains.

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Color

CIELCh(71, 27.163, 261.735)

Conversions

Conversions Part 1

Format	Color
Hex	85B2DE
RGB	133, 178, 222
RGB Percent	52%, 70%, 87%
CMY	0.4778, 0.3013, 0.1287
CMYK	0.40, 0.20, 0.00, 0.13
HSL	210°, 58%, 70%
HSV	210°, 40%, 87%
XYZ	38.8584, 42.1875, 75.3204
YIQ	169.5610, -40.9440, 4.1440

Conversions

Conversions Part 2

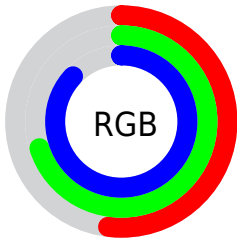
Format	Color
R _{YB}	133, 163, 222
Decimal	8762078
CIE Lab	71.00, -3.90, -26.88
CIE LCh	71, 27.163, 261.735
Yxy	42.1875, 0.2485, 0.2698
Android (android.graphics.Color)	4286952158 (0xFF85B2DE)
YUV	169.5610, 25.8524, -32.0640
Hunter-Lab	64.9519, -6.8757, -23.2884

Details

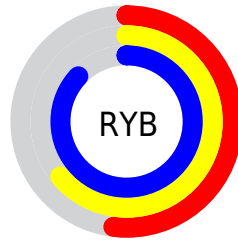
The CIELCh color **71, 27.163, 261.735** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75, 30.591, 69.839**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 17.864, 236.507**, and **51, 27.052, 261.488** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.627, 264.350**, and if you desaturate by 10%, it is **75, 20.552, 259.538**.

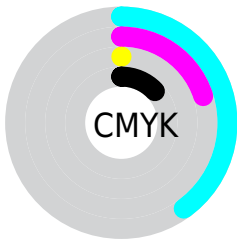
Distribution



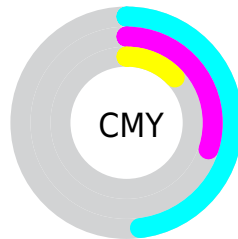
- Red (52%)
- Green (70%)
- Blue (87%)



- Red (52%)
- Yellow (64%)
- Blue (87%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 27.163, 261.735 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, 27.163, 261.735 by changing the saturation by 10% instead.

■ 71, 27.163,
261.735

■ 71, 27.163,
261.735

■ 100, 27.163,
261.735

■ 61, 27.163,
261.735

■ 91, 27.163,
261.735

■ 51, 27.163,
261.735

■ 41, 27.163,
261.735

■ 31, 27.163,
261.735

■ 21, 27.163,
261.735

■ 11, 27.163,
261.735

■ 1, 27.163, 261.735

0, 27.163, 261.735

71, 27.163,
261.735

71, 27.163,
261.735

67, 33.627,
264.350

75, 20.552,
259.538

63, 39.955,
267.441

80, 13.813,
257.703

59, 46.182,
271.038

84, 6.969, 256.183

55, 52.387,
275.118

89, 0.050, 262.845

51, 58.676,
279.578

93, 6.916, 73.651

48, 65.129,
284.107

97, 11.853, 89.518

99, 16.606,
108.922

Harmonies

Complementary

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



71, 27.163, 261.735



75, 30.591, 69.839

Rectangle

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



71, 27.163, 261.735



71, 27.163, 311.735



71, 27.163, 81.735



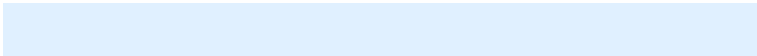
71, 27.163, 131.735

Sweetspot

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



71, 27.162, 261.734



94, 9.285, 256.467



82, 39.526, 158.825



49, 6.154, 256.658



0, 0.000, 0.000



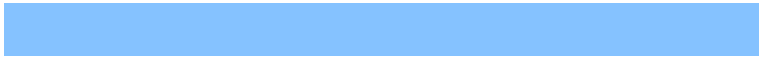
53, 0.007, 296.813

Same Dimension

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



71, 27.162, 261.734



77, 36.116, 263.875



59, 49.491, 294.971



45, 3.967, 256.100



38, 53.878, 283.342



8, 18.795, 274.044

Inverse Universe

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



66, 41.010, 347.328



71, 54.526, 348.460



86, 44.741, 105.587



44, 5.767, 344.094



38, 64.238, 1.307



6, 26.487, 354.318

Previews

White Background



This preview shows how the CIELCh color 71, 27.163, 261.735 looks on a white background.

Color Contrast Check

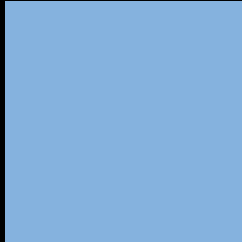
Large Text (above 18pt) WCAG AA × Fail

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, 27.163, 261.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

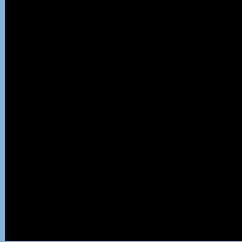
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

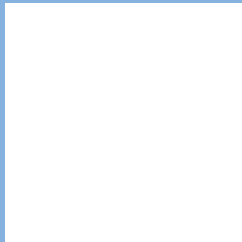
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 27.163, 261.735

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.163, 261.735.



This preview shows how white text looks on a background with the CIELCh color 71, 27.163, 261.735.

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, 27.163, 261.735

Protanopia

71, 25.244, 285.867

Deuteranopia

71, 29.551, 288.629



Tritanopia
71, 19.551, 221.300

Trichromacy



Original Color
71, 27.163, 261.735

Protanomaly
71, 25.332, 276.271

Deuteranomaly
71, 27.888, 278.918

Tritanomaly
71, 21.054, 239.139

Monochromacy



Original Color
71, 27.163, 261.735

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.292, 257.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.163, 261.735 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(133, 178, 222)` looks like.

```
.text, #text, p{  
    color:rgb(133, 178, 222)  
}
```

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(133, 178, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 178, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.163, 261.735 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(133, 178, 222) }
```

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

```
.border{ border-color:rgb(133, 178, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 178, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 178, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 178, 222); box-shadow:4px 4px 4px 4px rgb(133, 178, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.163, 261.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 178, 222) }
```

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

```
.background{ background-color: rgb(133,  
178, 222) }
```

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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