

Converting Colors

CIELCh(71, 41.084, 280.149)

Have a look what the booklet for
CIELCh(71, 41.084, 280.149)
contains.

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Color

CIELCh(71, 41.122, 280.178)

Conversions

Conversions Part 1

Format	Color
Hex	8BADF7
RGB	139, 173, 247
RGB Percent	55%, 68%, 97%
CMY	0.4542, 0.3209, 0.0306
CMYK	0.44, 0.30, 0.00, 0.03
HSL	221°, 87%, 76%
HSV	221°, 44%, 97%
XYZ	42.4744, 42.1875, 94.0553
YIQ	171.2700, -44.0180, 15.8060

Conversions

Conversions Part 2

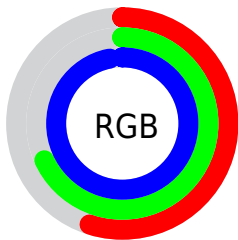
Format	Color
R _Y B	139, 165, 247
Decimal	9154039
CIE Lab	71.00, 7.27, -40.47
CIE LCh	71, 41.122, 280.178
Yxy	42.1875, 0.2377, 0.2361
Android (android.graphics.Color)	4287344119 (0xFF8BADF7)
YUV	171.2700, 37.3349, -28.3008
Hunter-Lab	64.9519, 3.0618, -40.3901

Details

The CIELCh color `71, 41.122, 280.178` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 40.944, 86.848`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 17.225, 254.028`, and `51, 40.975, 279.943` is the 20% darker color. If you saturate the color by 10%, you get `65, 51.075, 282.757`, and if you desaturate by 10%, it is `77, 31.397, 277.960`.

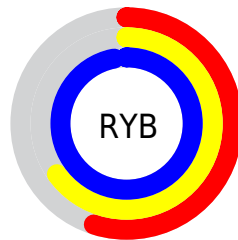
Distribution



Red (55%)

Green (68%)

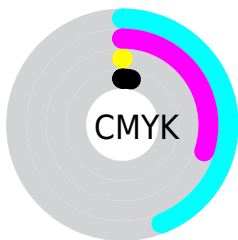
Blue (97%)



Red (55%)

Yellow (65%)

Blue (97%)

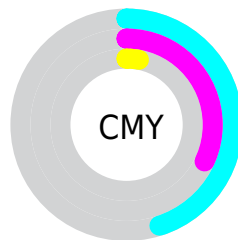


Cyan (44%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (45%)


Magenta (32%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 41.122, 280.178 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, 41.122, 280.178 by changing the saturation by 10% instead.


 71, 41.122,
280.178


 71, 41.122,
280.178


 100, 41.122,
280.178


 61, 41.122,
280.178


 91, 41.122,
280.178

 51, 41.122,
280.178

 41, 41.122,
280.178

 31, 41.122,
280.178

 21, 41.122,
280.178

 11, 41.122,
280.178

 1, 41.122, 280.178

■ 0, 41.122, 280.178

■ 71, 41.122,
280.178

■ 71, 41.122,
280.178

■ 65, 51.075,
282.757

■ 77, 31.397,
277.960

■ 59, 61.300,
285.711

■ 83, 21.873,
276.065

■ 54, 71.827,
289.008

■ 89, 12.529,
274.453

■ 49, 82.621,
292.543

■ 95, 3.355, 273.124

■ 44, 93.488,
296.121

■ 100, 3.948,
109.864

■ 41, 100.205,
298.241

Harmonies

Complementary

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



71, 41.122, 280.178



87, 40.944, 86.848

Rectangle

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



71, 41.122, 280.178



71, 41.122, 330.178



71, 41.122, 100.178



71, 41.122, 150.178

Sweetspot

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



71, 41.121, 280.178



92, 12.193, 274.355



90, 39.575, 170.160



48, 8.548, 274.685



0, 0.000, 0.000



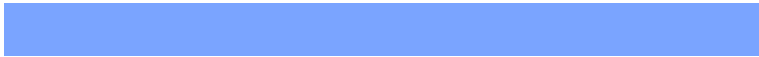
53, 0.007, 296.813

Same Dimension

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



71, 41.121, 280.178



68, 50.639, 282.318



64, 60.568, 301.536



48, 5.142, 273.853



31, 79.531, 297.625



7, 30.211, 291.693

Inverse Universe

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



70, 44.765, 0.468



68, 54.558, 2.141



94, 54.366, 114.286



48, 5.520, 355.797



39, 68.764, 19.805



9, 29.650, 10.262

Previews

White Background



This preview shows how the CIELCh color 71, 41.122, 280.178 looks on a white background.

Color Contrast Check

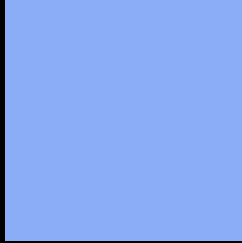
Large Text (above 18pt) WCAG AA × Fail

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, 41.122, 280.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

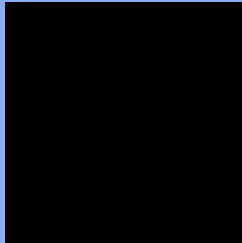
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

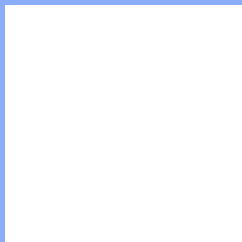
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 41.122, 280.178

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.122, 280.178.



This preview shows how white text looks on a background with the CIELCh color 71, 41.122, 280.178.

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, 41.122, 280.178

Protanopia

71, 40.635, 285.171

Deuteranopia

71, 41.880, 283.257



Tritanopia
71, 19.812, 220.960

Trichromacy



Original Color
71, 41.122, 280.178

Protanomaly
71, 40.786, 283.194

Deuteranomaly
71, 41.965, 282.525

Tritanomaly
71, 24.187, 253.573

Monochromacy



Original Color
71, 41.122, 280.178

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 15.323, 274.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.122, 280.178 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(139, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(139, 173, 247)  
}
```

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(139, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 173, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.122, 280.178 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(139, 173, 247) }
```

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

```
.border{ border-color:rgb(139, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(139, 173,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.122, 280.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 173, 247) }
```

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

```
.background{ background-color: rgb(139,  
173, 247) }
```

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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