

Converting Colors

CIELCh(71, 32.103, 286.625)

Have a look what the booklet for
CIELCh(71, 32.103, 286.625)
contains.

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Color

CIELCh(71, 32.332, 286.528)

Conversions

Conversions Part 1

Format	Color
Hex	9FABE6
RGB	159, 171, 230
RGB Percent	62%, 67%, 90%
CMY	0.3766, 0.3296, 0.0982
CMYK	0.31, 0.26, 0.00, 0.10
HSL	230°, 59%, 76%
HSV	230°, 31%, 90%
XYZ	43.1215, 42.1875, 80.7007
YIQ	174.1380, -26.0910, 15.8050

Conversions

Conversions Part 2

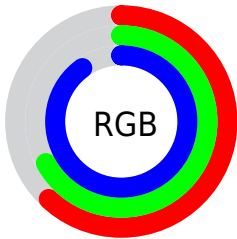
Format	Color
R_{YB}	159, 169, 230
Decimal	10464230
CIE _{Lab}	71.00, 9.20, -31.00
CIE _{LCh}	71, 32.332, 286.528
Yxy	42.1875, 0.2598, 0.2541
Android (android.graphics.Color)	4288654310 (0xFF9FABE6)
YUV	174.1380, 27.5400, -13.2760
Hunter-Lab	64.9519, 4.8400, -28.1997

Details

The CIELCh color `71, 32.332, 286.528` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 30.933, 98.675`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.434, 277.630`, and `51, 32.191, 286.217` is the 20% darker color. If you saturate the color by 10%, you get `64, 43.550, 288.439`, and if you desaturate by 10%, it is `78, 21.501, 284.894`.

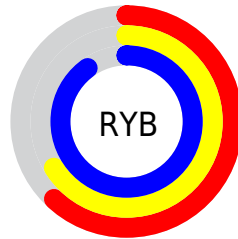
Distribution



Red (62%)

Green (67%)

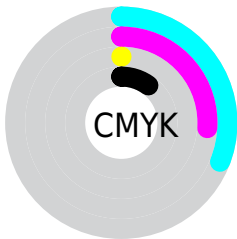
Blue (90%)



Red (62%)

Yellow (66%)

Blue (90%)

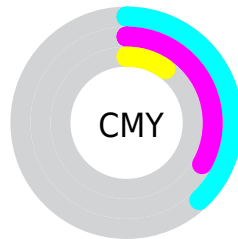


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (38%)


Magenta (33%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.332, 286.528 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, 32.332, 286.528 by changing the saturation by 10% instead.


 71, 32.332,
286.528


 71, 32.332,
286.528


 100, 32.332,
286.528


 61, 32.332,
286.528


 91, 32.332,
286.528

 51, 32.332,
286.528

 41, 32.332,
286.528

 31, 32.332,
286.528

 21, 32.332,
286.528

 11, 32.332,
286.528

 1, 32.332, 286.528

0, 32.332, 286.528

71, 32.332,
286.528

71, 32.332,
286.528

64, 43.550,
288.439

78, 21.501,
284.894

58, 55.191,
290.654

84, 11.027,
283.504

52, 67.258,
293.173

91, 0.882, 282.473

97, 8.958, 101.253

46, 79.662,
295.944

99, 12.674,
109.220

40, 92.091,
298.827

35, 103.813,
301.582

■ 32, 112.901,
303.693

Harmonies

Complementary

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



71, 32.332, 286.528



87, 30.933, 98.675

Rectangle

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



71, 32.332, 286.528



71, 32.332, 336.528



71, 32.332, 106.528



71, 32.332, 156.528

Sweetspot

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



71, 32.331, 286.527



94, 9.899, 283.275



86, 24.829, 181.698



49, 6.893, 283.458



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, 32.331, 286.527



74, 42.595, 287.704



70, 39.806, 304.483



45, 5.738, 283.325



24, 92.231, 303.319



4, 29.758, 293.190

Inverse Universe

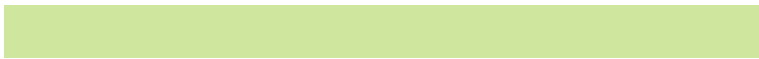
The Inverse Universe completely reimagines the original color for something new.



73, 28.394, 9.088



76, 37.509, 10.098



88, 37.444, 120.671



45, 4.928, 6.441



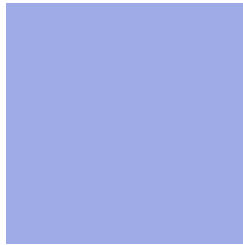
37, 72.481, 31.539



7, 26.700, 14.719

Previews

White Background



This preview shows how the CIELCh color 71, 32.332, 286.528 looks on a white background.

Color Contrast Check

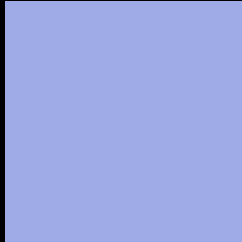
Large Text (above 18pt) WCAG AA × Fail

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, 32.332, 286.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

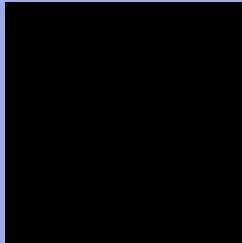
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.332, 286.528

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.332, 286.528.



This preview shows how white text looks on a background with the CIELCh color 71, 32.332, 286.528.

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, 32.332, 286.528

Protanopia

71, 32.393, 285.448

Deuteranopia

71, 32.332, 286.528



Tritanopia
71, 11.904, 238.978

Trichromacy



Original Color
71, 32.332, 286.528

Protanomaly
71, 32.361, 285.987

Deuteranomaly
71, 32.332, 286.528

Tritanomaly
71, 18.124, 268.915

Monochromacy



Original Color
71, 32.332, 286.528

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.531, 284.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.332, 286.528 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(159, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 230)  
}
```

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(159, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.332, 286.528 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(159, 171, 230) }
```

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

```
.border{ border-color:rgb(159, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.332, 286.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 230) }
```

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

```
.background{ background-color: rgb(159,  
171, 230) }
```

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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