

Converting Colors

CIELCh(70, 32.902, 289.486)

Have a look what the booklet for
CIELCh(70, 32.902, 289.486)
contains.

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Color

CIELCh(70, 32.902, 289.486)

Conversions

Conversions Part 1

Format	Color
Hex	A0A7E3
RGB	160, 167, 227
RGB Percent	63%, 65%, 89%
CMY	0.3718, 0.3444, 0.1091
CMYK	0.29, 0.26, 0.00, 0.11
HSL	234°, 55%, 76%
HSV	234°, 29%, 89%
XYZ	42.2742, 40.7494, 78.4445
YIQ	171.7470, -23.4320, 17.1760

Conversions

Conversions Part 2

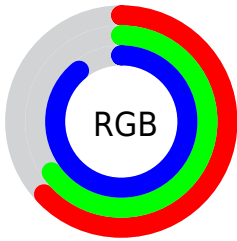
Format	Color
RYB	160, 166, 227
Decimal	10528739
CIELab	70.00, 10.98, -31.02
CIELCh	70, 32.902, 289.486
Yxy	40.7494, 0.2618, 0.2524
Android (android.graphics.Color)	4288718819 (0xFFA0A7E3)
YUV	171.7470, 27.2397, -10.3021
Hunter-Lab	63.8353, 6.4979, -28.1743

Details

The CIELCh color **70, 32.902, 289.486** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **87, 31.138, 102.431**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 17.277, 284.919**, and **50, 32.799, 289.797** is the 20% darker color. If you saturate the color by 10%, you get **63, 44.917, 291.275**, and if you desaturate by 10%, it is **77, 21.345, 287.957**.

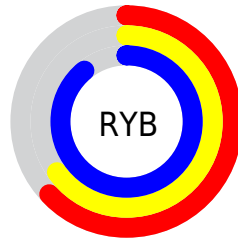
Distribution



Red (63%)

Green (65%)

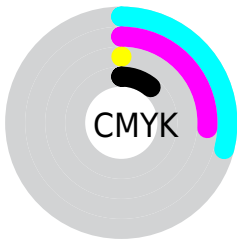
Blue (89%)



Red (63%)

Yellow (65%)

Blue (89%)

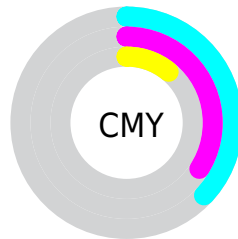


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (37%)


Magenta (34%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.902, 289.486 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 70, 32.902, 289.486 by changing the saturation by 10% instead.


 70, 32.902,
289.486


 70, 32.902,
289.486


 100, 32.902,
289.486


 60, 32.902,
289.486


 90, 32.902,
289.486

 50, 32.902,
289.486

 40, 32.902,
289.486

 30, 32.902,
289.486

 20, 32.902,
289.486

 10, 32.902,
289.486

 0, 32.902, 289.486

70, 32.902,
289.486

70, 32.902,
289.486

63, 44.917,
291.275

77, 21.345,
287.957

56, 57.417,
293.349

84, 10.214,
286.660

50, 70.374,
295.698

91, 0.525, 105.311

43, 83.609,
298.254

97, 10.902,
104.577

38, 96.610,
300.854

99, 14.074,
109.114

33, 108.293,
303.226

30, 117.093,
305.021

30, 117.442,

Harmonies

Complementary

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



70, 32.902, 289.486



87, 31.138, 102.431

Rectangle

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



70, 32.902, 289.486



70, 32.902, 339.486



70, 32.902, 109.486



70, 32.902, 159.486

Sweetspot

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



70, 32.901, 289.485



93, 10.627, 286.609



86, 22.779, 187.416



49, 7.403, 286.784



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 32.901, 289.485



74, 43.352, 290.477



70, 37.848, 306.614



44, 6.161, 286.656



23, 97.186, 304.834



3, 31.242, 294.667

Inverse Universe

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



72, 26.614, 13.843



77, 35.241, 14.701



87, 35.917, 123.364



45, 4.853, 11.520



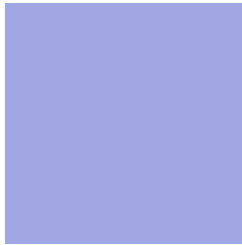
37, 75.577, 35.500



6, 26.810, 17.432

Previews

White Background



This preview shows how the CIELCh color 70, 32.902, 289.486 looks on a white background.

Color Contrast Check

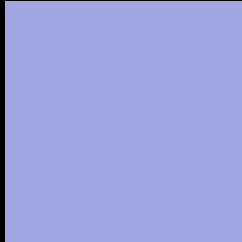
Large Text (above 18pt) WCAG AA × Fail

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 70, 32.902, 289.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

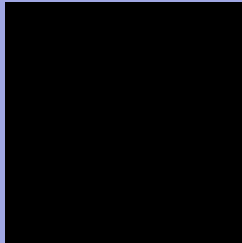
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 32.902, 289.486

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.902, 289.486.



This preview shows how white text looks on a background with the CIELCh color 70, 32.902, 289.486.

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

70, 32.902, 289.486

Protanopia

70, 32.494, 284.961

Deuteranopia

70, 32.407, 287.139



Tritanopia
70, 10.719, 244.851

Trichromacy



Original Color
70, 32.902, 289.486

Protanomaly
70, 32.972, 286.775

Deuteranomaly
70, 32.382, 287.685

Tritanomaly
70, 17.244, 272.230

Monochromacy



Original Color
70, 32.902, 289.486

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 12.062, 287.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.902, 289.486 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(160, 167, 227)` looks like.

```
.text, #text, p{  
    color:rgb(160, 167, 227)  
}
```

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(160, 167, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 167, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.902, 289.486 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(160, 167, 227) }
```

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

```
.border{ border-color:rgb(160, 167, 227) }
```

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

Here you see how a box with a 4 pixel rgb(160, 167, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 167, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 167, 227);  
box-shadow:4px 4px 4px 4px rgb(160, 167,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.902, 289.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 167, 227) }
```

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

```
.background{ background-color: rgb(160,  
167, 227) }
```

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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