

Converting Colors

CIELCh(73, 33.562, 300.582)

Have a look what the booklet for
CIELCh(73, 33.562, 300.582)
contains.

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Color

CIELCh(73, 33.562, 300.582)

Conversions

Conversions Part 1

Format	Color
Hex	B8ABE8
RGB	184, 171, 232
RGB Percent	72%, 67%, 91%
CMY	0.2783, 0.3292, 0.0900
CMYK	0.21, 0.26, 0.00, 0.09
HSL	253°, 57%, 79%
HSV	253°, 26%, 91%
XYZ	48.9186, 45.1644, 82.5143
YIQ	181.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

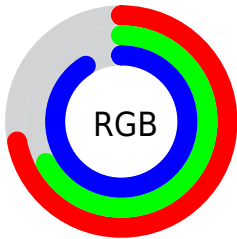
Format	Color
RYB	184, 171, 232
Decimal	12102632
CIELab	73.00, 17.08, -28.89
CIELCh	73, 33.562, 300.582
Yxy	45.1644, 0.2770, 0.2557
Android (android.graphics.Color)	4290292712 (0xFFB8ABE8)
YUV	181.8410, 24.7284, 1.8934
Hunter-Lab	67.2044, 12.3235, -25.7538

Details

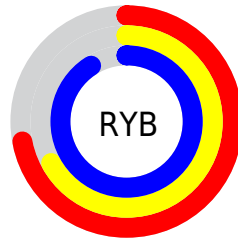
The CIELCh color $73, 33.562, 300.582$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $90, 31.687, 116.730$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.961, 310.170$, and $53, 33.327, 300.456$ is the 20% darker color. If you saturate the color by 10%, you get $66, 47.202, 301.587$, and if you desaturate by 10%, it is $80, 20.402, 299.697$.

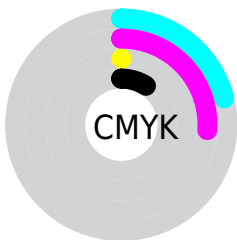
Distribution



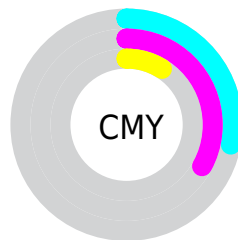
- Red (72%)
- Green (67%)
- Blue (91%)



- Red (72%)
- Yellow (67%)
- Blue (91%)



- Cyan (21%)
- Magenta (26%)
- Yellow (0%)
- Black (9%)





- Cyan (28%)
- Magenta (33%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 33.562, 300.582 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 73, 33.562, 300.582 by changing the saturation by 10% instead.


 73, 33.562,
300.582


 73, 33.562,
300.582


 100, 33.562,
300.582


 63, 33.562,
300.582


 93, 33.562,
300.582

 53, 33.562,
300.582

 43, 33.562,
300.582

 33, 33.562,
300.582

 23, 33.562,
300.582

 13, 33.562,
300.582

 3, 33.562, 300.582

■ 0, 33.562, 300.582

■ 73, 33.562,
300.582

■ 73, 33.562,
300.582

■ 66, 47.202,
301.587

■ 80, 20.402,
299.697

■ 59, 61.267,
302.706

■ 87, 7.733, 298.926

■ 52, 75.580,
303.910

■ 95, 4.462, 118.267

■ 99, 11.620,
109.299

■ 45, 89.734,
305.128

■ 39, 102.919,
306.227

■ 35, 113.802,
307.007

■ 31, 120.824,
307.248

■ 31, 122.700,
307.272

Harmonies

Complementary

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



73, 33.562, 300.582



90, 31.687, 116.730

Rectangle

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



73, 33.562, 300.582



73, 33.562, 350.582



73, 33.562, 120.582



73, 33.562, 170.582

Sweetspot

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



73, 33.560, 300.581



94, 10.653, 299.053



85, 17.088, 220.622



49, 7.591, 299.166



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 33.560, 300.581



75, 44.592, 301.158



76, 36.116, 316.861



44, 6.961, 299.158



22, 100.656, 307.390



3, 34.154, 301.842

Inverse Universe

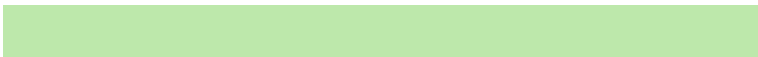
The Inverse Universe completely reimagines the original color for something new.



77, 33.646, 332.698



80, 44.139, 333.109



88, 35.409, 134.493



45, 7.162, 331.559



40, 75.022, 338.933



8, 32.247, 336.953

Previews

White Background



This preview shows how the CIELCh color 73, 33.562, 300.582 looks on a white background.

Color Contrast Check

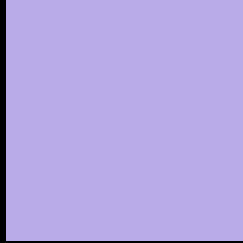
Large Text (above 18pt) WCAG AA × Fail

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 73, 33.562, 300.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

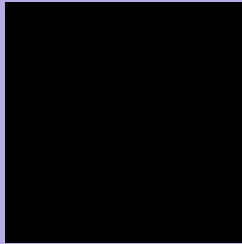
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 33.562, 300.582

Background



This preview shows how black text looks on a background with the CIELCh color 73, 33.562, 300.582.



This preview shows how white text looks on a background with the CIELCh color 73, 33.562, 300.582.

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

73, 33.562, 300.582

Protanopia

73, 32.197, 285.310

Deuteranopia

73, 29.906, 288.662



Tritanopia
73, 8.154, 288.439

Trichromacy



Original Color
73, 33.562, 300.582

Protanomaly
73, 32.596, 290.986

Deuteranomaly
73, 31.004, 293.096

Tritanomaly
73, 17.536, 297.552

Monochromacy



Original Color
73, 33.562, 300.582

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 12.106, 299.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 33.562, 300.582 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(184, 171, 232)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 232)  
}
```

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(184, 171, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 33.562, 300.582 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(184, 171, 232) }
```

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

```
.border{ border-color:rgb(184, 171, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 232);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 33.562, 300.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 232) }
```

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

```
.background{ background-color: rgb(184,  
171, 232) }
```

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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