

Converting Colors

CIELCh(71, 35.956, 326.341)

Have a look what the booklet for
CIELCh(71, 35.956, 326.341)
contains.

CIELCh(71, 36.384, 325.880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 36.384, 325.880)

Conversions

Conversions Part 1

Format	Color
Hex	D39BD3
RGB	211, 155, 211
RGB Percent	83%, 61%, 83%
CMY	0.1711, 0.3907, 0.1711
CMYK	0.00, 0.27, 0.00, 0.17
HSL	300°, 39%, 72%
HSV	300°, 27%, 83%
XYZ	50.5572, 42.1875, 67.3513
YIQ	178.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

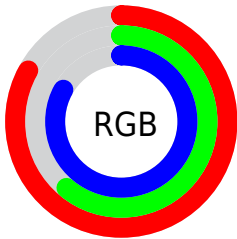
Format	Color
RYB	211, 155, 211
Decimal	13867987
CIELab	71.00, 30.12, -20.41
CIELCh	71, 36.384, 325.880
Yxy	42.1875, 0.3158, 0.2635
Android (android.graphics.Color)	4292058067 (0xFFD39BD3)
YUV	178.1280, 16.2059, 28.8287
Hunter-Lab	64.9519, 25.2747, -16.0139

Details

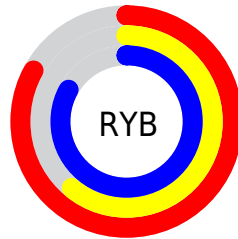
The CIELCh color `71, 36.384, 325.880` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `80, 36.374, 142.648`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 28.208, 325.407`, and `51, 36.306, 326.232` is the 20% darker color. If you saturate the color by 10%, you get `66, 49.816, 326.401`, and if you desaturate by 10%, it is `76, 22.642, 325.335`.

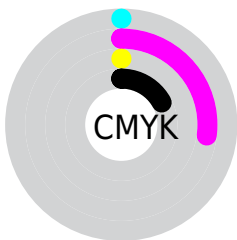
Distribution



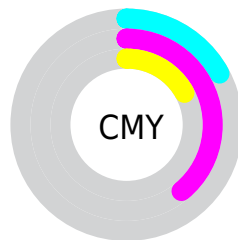
- Red (83%)
- Green (61%)
- Blue (83%)



- Red (83%)
- Yellow (61%)
- Blue (83%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (39%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 36.384, 325.880 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, 36.384, 325.880 by changing the saturation by 10% instead.


 71, 36.384,
325.880


 71, 36.384,
325.880


 100, 36.384,
325.880


 61, 36.384,
325.880


 91, 36.384,
325.880

 51, 36.384,
325.880

 41, 36.384,
325.880

 31, 36.384,
325.880

 21, 36.384,
325.880

 11, 36.384,
325.880

 1, 36.384, 325.880

■ 0, 36.384, 325.880

■ 71, 36.384,
325.880

■ 71, 36.384,
325.880

■ 66, 49.816,
326.401

■ 76, 22.642,
325.335

■ 62, 62.565,
326.884

■ 81, 8.878, 324.769

■ 58, 74.152,
327.312

■ 87, 4.721, 144.313

■ 55, 84.047,
327.669

■ 92, 18.031,
143.740

■ 53, 91.757,
327.941

■ 96, 27.315,
143.368

■ 51, 96.960,
328.121

■ 96, 27.314,
143.369

■ 96, 27.313,

■ 50, 99.671,
328.214

143.370

■ 50, 100.309,
328.236

■ 96, 27.312,
143.371

■ 96, 27.312,
143.372

Harmonies

Complementary

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



71, 36.384, 325.880



80, 36.374, 142.648

Rectangle

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



71, 36.384, 325.880



71, 36.384, 15.880



71, 36.384, 145.880



71, 36.384, 195.880

Sweetspot

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



71, 36.382, 325.880



95, 12.732, 324.862



66, 31.094, 293.342



50, 9.056, 324.949



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, 36.382, 325.880



81, 51.024, 326.188



70, 25.951, 346.061



41, 7.693, 324.938



40, 84.654, 328.236



6, 31.111, 327.827

Inverse Universe

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



71, 36.382, 325.880



81, 51.024, 326.188



80, 25.112, 161.244



41, 7.693, 324.938



40, 84.654, 328.236



6, 31.111, 327.827

Previews

White Background



This preview shows how the CIELCh color 71, 36.384, 325.880 looks on a white background.

Color Contrast Check

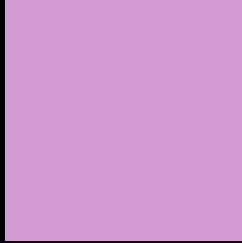
Large Text (above 18pt) WCAG AA × Fail

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, 36.384, 325.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

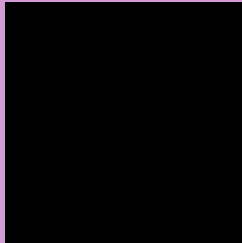
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 36.384, 325.880

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.384, 325.880.



This preview shows how white text looks on a background with the CIELCh color 71, 36.384, 325.880.

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, 36.384, 325.880

Protanopia

71, 27.971, 285.538

Deuteranopia

71, 21.402, 295.926



Tritanopia
71, 18.273, 358.461

Trichromacy



Original Color
71, 36.384, 325.880

Protanomaly
71, 29.437, 301.495

Deuteranomaly
71, 26.005, 310.449

Tritanomaly
71, 23.488, 341.283

Monochromacy



Original Color
71, 36.384, 325.880

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 13.211, 324.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.384, 325.880 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(211, 155, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 155, 211)  
}
```

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(211, 155, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 155, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.384, 325.880 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(211, 155, 211) }
```

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

```
.border{ border-color:rgb(211, 155, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 155, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 155, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 155, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 155,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.384, 325.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 155, 211) }
```

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

```
.background{ background-color: rgb(211,  
155, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor