

Converting Colors

CIELCh(71, 29.943, 344.560)

Have a look what the booklet for
CIELCh(71, 29.943, 344.560)
contains.

CIELCh(71, 30.058, 344.618)	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, 30.058, 344.618)

Conversions

Conversions Part 1

Format	Color
Hex	DB9BBD
RGB	219, 155, 189
RGB Percent	86%, 61%, 74%
CMY	0.1411, 0.3921, 0.2587
CMYK	0.00, 0.29, 0.14, 0.14
HSL	328°, 47%, 73%
HSV	328°, 29%, 86%
XYZ	50.1317, 42.1875, 53.6560
YIQ	178.0120, 27.2300, 24.1420

Conversions

Conversions Part 2

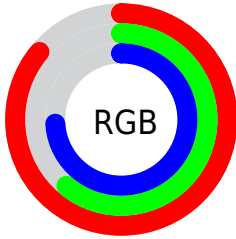
Format	Color
R_{YB}	219, 155, 189
Decimal	14392253
CIE _{Lab}	71.00, 28.98, -7.97
CIE _{LCh}	71, 30.058, 344.618
Yxy	42.1875, 0.3434, 0.2890
Android (android.graphics.Color)	4292582333 (0xFFDB9BBD)
YUV	178.0120, 5.4171, 35.9465
Hunter-Lab	64.9519, 24.1054, -3.5125

Details

The CIELCh color **71, 30.058, 344.618** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **82, 29.147, 159.355**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.193, 332.451**, and **51, 30.114, 344.334** is the 20% darker color. If you saturate the color by 10%, you get **66, 40.295, 345.742**, and if you desaturate by 10%, it is **76, 19.662, 343.622**.

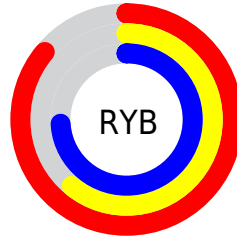
Distribution



Red (86%)

Green (61%)

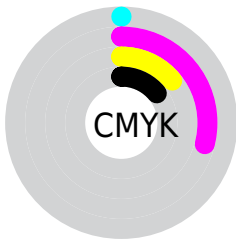
Blue (74%)



Red (86%)

Yellow (61%)

Blue (74%)

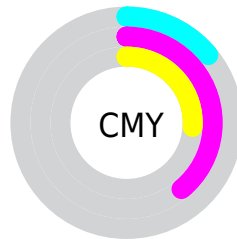


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (39%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.058, 344.618 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, 30.058, 344.618 by changing the saturation by 10% instead.


 71, 30.058,
344.618


 71, 30.058,
344.618


 100, 30.058,
344.618


 61, 30.058,
344.618


 91, 30.058,
344.618

 51, 30.058,
344.618

 41, 30.058,
344.618

 31, 30.058,
344.618

 21, 30.058,
344.618

 11, 30.058,
344.618

 1, 30.058, 344.618

■ 0, 30.058, 344.618

■ 71, 30.058,
344.618

■ 71, 30.058,
344.618

■ 66, 40.295,
345.742

■ 76, 19.662,
343.622

■ 61, 50.049,
347.037

■ 82, 9.340, 342.710

■ 57, 58.869,
348.567

■ 88, 0.773, 162.496

■ 53, 66.226,
350.425

■ 94, 10.598,
161.250

■ 50, 71.615,
352.737

■ 97, 14.624,
167.729

■ 49, 74.737,
355.655

■ 97, 12.466,
188.303

■ 98, 12.119,

■ 47,75.873,
359.260

198.696

■ 47,75.945,
359.553

Harmonies

Complementary

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



71, 30.058, 344.618



82, 29.147, 159.355

Rectangle

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



71, 30.058, 344.618



71, 30.058, 34.618



71, 30.058, 164.618



71, 30.058, 214.618

Sweetspot

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



71, 30.055, 344.619



94, 10.313, 342.698



69, 36.793, 309.381



49, 7.178, 342.829



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, 30.055, 344.619



78, 40.739, 345.285



70, 25.641, 19.275



43, 5.758, 342.730



37, 63.917, 358.866



6, 25.410, 352.289

Inverse Universe

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



71, 30.055, 344.619



78, 40.739, 345.285



83, 21.268, 194.877



43, 5.758, 342.730



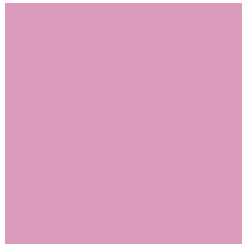
37, 63.917, 358.866



6, 25.410, 352.289

Previews

White Background



This preview shows how the CIELCh color 71, 30.058, 344.618 looks on a white background.

Color Contrast Check

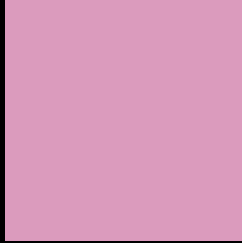
Large Text (above 18pt) WCAG AA × Fail

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, 30.058, 344.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

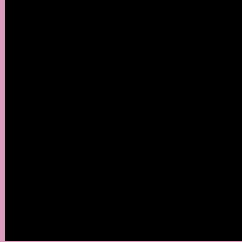
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.058, 344.618

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.058, 344.618.



This preview shows how white text looks on a background with the CIELCh color 71, 30.058, 344.618.

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, 30.058, 344.618

Protanopia

71, 14.781, 286.195

Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 23.807, 5.945

Trichromacy



Original Color
71, 30.058, 344.618

Protanomaly
71, 18.165, 316.367

Deuteranomaly
71, 17.584, 335.555

Tritanomaly
71, 25.678, 357.062

Monochromacy



Original Color
71, 30.058, 344.618

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.855, 343.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.058, 344.618 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(219, 155, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 155, 189)  
}
```

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(219, 155, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 155, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.058, 344.618 is called "border". The border property can be set on classes, ids or directly on the HTML element.

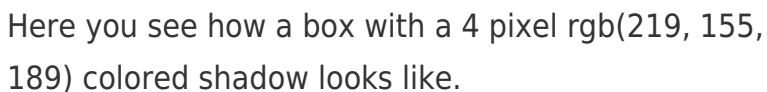
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 155, 189) }
```

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

```
.border{ border-color:rgb(219, 155, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 155, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 155, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 155, 189); box-shadow:4px 4px 4px 4px rgb(219, 155, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.058, 344.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 155, 189) }
```

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

```
.background{ background-color: rgb(219,  
155, 189) }
```

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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