

Converting Colors

CIELCh(71, 25.596, 317.803)

Have a look what the booklet for
CIELCh(71, 25.596, 317.803)
contains.

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Color

CIELCh(71, 25.571, 317.798)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3CD
RGB	194, 163, 205
RGB Percent	76%, 64%, 80%
CMY	0.2383, 0.3599, 0.1952
CMYK	0.05, 0.20, 0.00, 0.20
HSL	284°, 30%, 72%
HSV	284°, 20%, 80%
XYZ	46.4865, 42.1875, 63.5918
YIQ	177.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

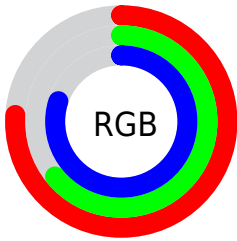
Format	Color
RYB	194, 163, 205
Decimal	12755917
CIELab	71.00, 18.94, -17.18
CIELCh	71, 25.571, 317.798
Yxy	42.1875, 0.3053, 0.2771
Android (android.graphics.Color)	4290945997 (0xFFC2A3CD)
YUV	177.0570, 13.7759, 14.8590
Hunter-Lab	64.9519, 14.0878, -12.5822

Details

The CIELCh color `71, 25.571, 317.798` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `79, 25.235, 135.975`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 22.439, 322.179`, and `51, 25.786, 317.625` is the 20% darker color. If you saturate the color by 10%, you get `66, 38.278, 318.235`, and if you desaturate by 10%, it is `77, 12.964, 317.355`.

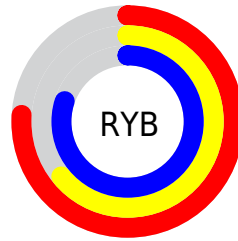
Distribution



Red (76%)

Green (64%)

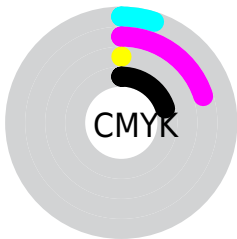
Blue (80%)



Red (76%)

Yellow (64%)

Blue (80%)

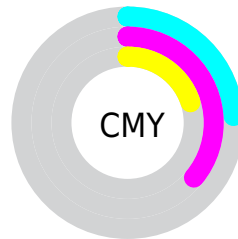


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (20%)



Cyan (24%)


Magenta (36%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.571, 317.798 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, 25.571, 317.798 by changing the saturation by 10% instead.


 71, 25.571,
317.798


 71, 25.571,
317.798


 100, 25.571,
317.798


 61, 25.571,
317.798


 91, 25.571,
317.798

 51, 25.571,
317.798

 41, 25.571,
317.798

 31, 25.571,
317.798

 21, 25.571,
317.798

 11, 25.571,
317.798

 1, 25.571, 317.798

0, 25.571, 317.798

71, 25.571,
317.798

71, 25.571,
317.798

66, 38.278,
318.235

77, 12.964,
317.355

60, 50.893,
318.649

82, 0.582, 316.613

55, 63.114,
319.014

88, 11.505,
136.564

51, 74.511,
319.288

94, 23.265,
136.180

47, 84.525,
319.424

97, 28.220,
134.252

44, 92.531,
319.364

97, 27.385,
130.716

41, 97.995,
319.052

97, 26.659,
126.923

40, 101.011,
318.534

98, 26.058,
122.890

98, 25.596,
118.643

Harmonies

Complementary

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



71, 25.571, 317.798



79, 25.235, 135.975

Rectangle

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



71, 25.571, 317.798



71, 25.571, 7.798



71, 25.571, 137.798



71, 25.571, 187.798

Sweetspot

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



71, 25.569, 317.798



96, 8.825, 317.156



71, 17.137, 278.902



51, 5.857, 317.187



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, 25.569, 317.798



83, 37.369, 318.011



72, 23.364, 333.046



40, 6.983, 317.307



32, 86.121, 318.665



4, 26.306, 316.633

Inverse Universe

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



71, 17.194, 0.743



84, 25.283, 1.357



79, 23.243, 150.258



40, 4.630, 359.484



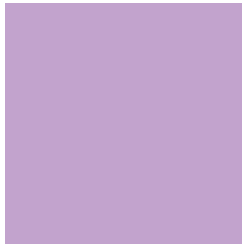
35, 64.582, 23.956



4, 18.406, 6.735

Previews

White Background



This preview shows how the CIELCh color 71, 25.571, 317.798 looks on a white background.

Color Contrast Check

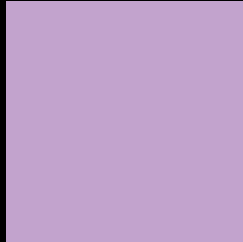
Large Text (above 18pt) WCAG AA × Fail

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, 25.571, 317.798 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, 25.571, 317.798

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.571, 317.798.



This preview shows how white text looks on a background with the CIELCh color 71, 25.571, 317.798.

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, 25.571, 317.798

Protanopia

71, 21.380, 285.912

Deuteranopia

71, 18.754, 298.393



Tritanopia
71, 11.204, 341.211

Trichromacy



Original Color
71, 25.571, 317.798

Protanomaly
71, 22.068, 298.566

Deuteranomaly
71, 20.470, 307.011

Tritanomaly
71, 16.289, 327.334

Monochromacy



Original Color
71, 25.571, 317.798

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 9.176, 317.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.571, 317.798 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(194, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 205)  
}
```

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(194, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.571, 317.798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

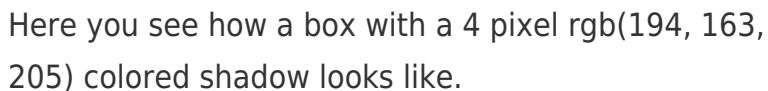
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 163, 205) }
```

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

```
.border{ border-color:rgb(194, 163, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 163, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 163, 205); box-shadow:4px 4px 4px 4px rgb(194, 163, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.571, 317.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 205) }
```

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

```
.background{ background-color: rgb(194,  
163, 205) }
```

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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