

Converting Colors

CIELCh(70, 25.377, 324.973)

Have a look what the booklet for
CIELCh(70, 25.377, 324.973)
contains.

CIELCh(70, 25.457, 324.788)	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(70, 25.457, 324.788)

Conversions

Conversions Part 1

Format	Color
Hex	C59FC6
RGB	197, 159, 198
RGB Percent	77%, 62%, 78%
CMY	0.2274, 0.3764, 0.2235
CMYK	0.01, 0.20, 0.00, 0.22
HSL	298°, 25%, 70%
HSV	298°, 20%, 78%
XYZ	45.6232, 40.7494, 58.8937
YIQ	174.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

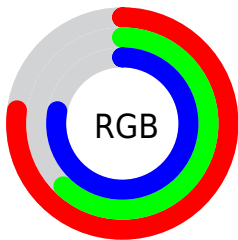
Format	Color
R _{YB}	197, 159, 198
Decimal	12951494
CIE Lab	70.00, 20.80, -14.68
CIE LCh	70, 25.457, 324.788
Yxy	40.7494, 0.3141, 0.2805
Android (android.graphics.Color)	4291141574 (0xFFC59FC6)
YUV	174.8080, 11.4337, 19.4624
Hunter-Lab	63.8353, 15.8626, -10.0156

Details

The CIELCh color $70, 25.457, 324.788$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 25.413, 142.555$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.502, 324.643$, and $50, 25.614, 325.030$ is the 20% darker color. If you saturate the color by 10%, you get $65, 38.357, 325.308$, and if you desaturate by 10%, it is $75, 12.477, 324.250$.

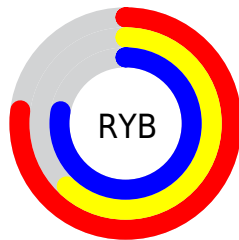
Distribution



Red (77%)

Green (62%)

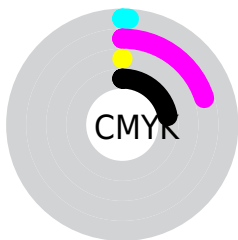
Blue (78%)



Red (77%)

Yellow (62%)

Blue (78%)

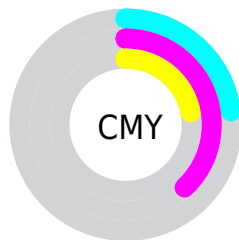


Cyan (1%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.457, 324.788 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, 25.457, 324.788 by changing the saturation by 10% instead.


 70, 25.457,
324.788

 70, 25.457,
324.788


 100, 25.457,
324.788


 60, 25.457,
324.788


 90, 25.457,
324.788

 50, 25.457,
324.788

 40, 25.457,
324.788

 30, 25.457,
324.788

 20, 25.457,
324.788

 10, 25.457,
324.788

 0, 25.457, 324.788

70, 25.457,
324.788

70, 25.457,
324.788

65, 38.357,
325.308

75, 12.477,
324.250

61, 50.904,
325.799

80, 0.381, 144.401

57, 62.717,
326.246

85, 12.995,
143.248

53, 73.331,
326.628

91, 25.289,
142.742

51, 82.241,
326.926

95, 35.411,
142.301

48, 88.995,
327.126

95, 35.309,
142.079


47, 93.335,
327.218


95, 35.206,
141.855

46, 95.580,

95, 35.105,
141.630

327.218

 95, 35.003,
141.403

 46, 95.639,
327.218

Harmonies

Complementary

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



70, 25.457, 324.788



76, 25.413, 142.555

Rectangle

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



70, 25.457, 324.788



70, 25.457, 14.788



70, 25.457, 144.788



70, 25.457, 194.788

Sweetspot

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



70, 25.455, 324.788



96, 9.462, 324.048



67, 20.848, 291.074



51, 6.278, 324.086



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, 25.455, 324.788



85, 38.106, 325.033



70, 18.594, 343.543



39, 7.324, 324.233



38, 82.855, 327.232



4, 26.453, 326.003

Inverse Universe

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



69, 15.387, 18.781



84, 23.422, 19.271



77, 18.210, 160.235



39, 4.278, 17.847



34, 73.615, 38.737



3, 15.894, 18.075

Previews

White Background



This preview shows how the CIELCh color 70, 25.457, 324.788 looks on a white background.

Color Contrast Check

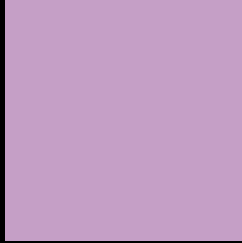
Large Text (above 18pt) WCAG AA × Fail

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, 25.457, 324.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

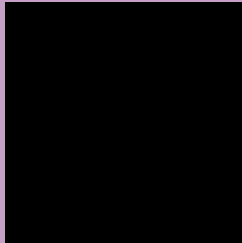
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 25.457, 324.788

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.457, 324.788.



This preview shows how white text looks on a background with the CIELCh color 70, 25.457, 324.788.

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, 25.457, 324.788

Protanopia

70, 19.228, 285.943

Deuteranopia

70, 16.282, 303.077



Tritanopia
70, 13.762, 349.685

Trichromacy



Original Color
70, 25.457, 324.788

Protanomaly
70, 20.128, 302.125

Deuteranomaly
70, 19.559, 313.390

Tritanomaly
70, 17.249, 336.862

Monochromacy



Original Color
70, 25.457, 324.788

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.297, 324.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.457, 324.788 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(197, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 159, 198)  
}
```

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(197, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 159, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.457, 324.788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

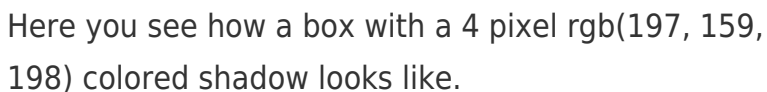
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 159, 198) }
```

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

```
.border{ border-color:rgb(197, 159, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 159, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 159, 198); box-shadow:4px 4px 4px 4px rgb(197, 159, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.457, 324.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 159, 198) }
```

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

```
.background{ background-color: rgb(197,  
159, 198) }
```

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