

Converting Colors

CIELCh(70, 20.827, 340.495)

Have a look what the booklet for
CIELCh(70, 20.827, 340.495)
contains.

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Color

CIELCh(70, 20.827, 340.495)

Conversions

Conversions Part 1

Format	Color
Hex	C99FB8
RGB	201, 159, 184
RGB Percent	79%, 62%, 72%
CMY	0.2112, 0.3759, 0.2779
CMYK	0.00, 0.21, 0.08, 0.21
HSL	324°, 28%, 71%
HSV	324°, 21%, 79%
XYZ	45.2164, 40.7494, 50.9091
YIQ	174.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

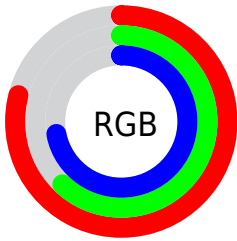
Format	Color
R _Y B	201, 159, 184
Decimal	13213624
CIE Lab	70.00, 19.63, -6.95
CIE LCh	70, 20.827, 340.495
Yxy	40.7494, 0.3303, 0.2977
Android (android.graphics.Color)	4291403704 (0xFFC99FB8)
YUV	174.4080, 4.7289, 23.3212
Hunter-Lab	63.8353, 14.7250, -2.5995

Details

The CIELCh color $70, 20.827, 340.495$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 20.496, 157.158$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 19.910, 338.270$, and $50, 21.131, 340.769$ is the 20% darker color. If you saturate the color by 10%, you get $65, 30.882, 341.412$, and if you desaturate by 10%, it is $75, 10.770, 339.651$.

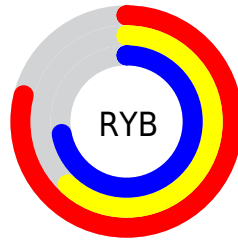
Distribution



Red (79%)

Green (62%)

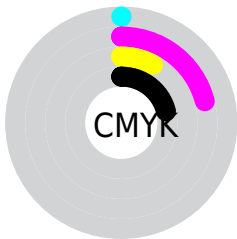
Blue (72%)



Red (79%)

Yellow (62%)

Blue (72%)

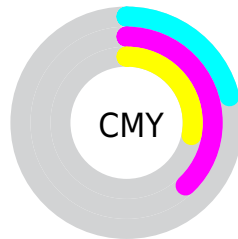


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (38%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 20.827, 340.495 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, 20.827, 340.495 by changing the saturation by 10% instead.

 70, 20.827,
340.495

 70, 20.827,
340.495


 100, 20.827,
340.495

 60, 20.827,
340.495

 90, 20.827,
340.495

 50, 20.827,
340.495

 40, 20.827,
340.495

 30, 20.827,
340.495

 20, 20.827,
340.495

 10, 20.827,
340.495

 0, 20.827, 340.495

70, 20.827,
340.495

70, 20.827,
340.495

65, 30.882,
341.412

75, 10.770,
339.651

60, 40.708,
342.428

81, 0.870, 338.493

86, 8.789, 158.261

56, 49.963,
343.577

91, 18.160,
157.585

52, 58.208,
344.910

96, 24.454,
158.771

49, 64.935,
346.499

96, 21.821,
166.917

46, 69.678,
348.444


96, 19.692,
176.990

45, 72.174,
350.867

96, 18.252,
189.011

44, 72.865,

353.515

 96, 17.750,
198.330

Harmonies

Complementary

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



70, 20.827, 340.495



78, 20.496, 157.158

Rectangle

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



70, 20.827, 340.495



70, 20.827, 30.495



70, 20.827, 160.495



70, 20.827, 210.495

Sweetspot

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



70, 20.825, 340.497



96, 7.167, 339.250



68, 24.004, 306.621



51, 4.757, 339.307



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, 20.825, 340.497



84, 30.284, 340.895



69, 16.616, 13.066



39, 5.554, 339.526



35, 62.554, 352.988



4, 18.954, 347.091

Inverse Universe

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



70, 20.825, 340.497



84, 30.284, 340.895



78, 14.874, 189.573



39, 5.554, 339.526



35, 62.554, 352.988



4, 18.954, 347.091

Previews

White Background



This preview shows how the CIELCh color 70, 20.827, 340.495 looks on a white background.

Color Contrast Check

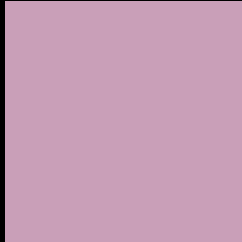
Large Text (above 18pt) WCAG AA × Fail

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, 20.827, 340.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

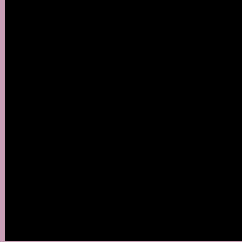
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.827, 340.495

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.827, 340.495.



This preview shows how white text looks on a background with the CIELCh color 70, 20.827, 340.495.

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





Tritanopia
70, 16.319, 357.379

Trichromacy



Original Color
70, 20.827, 340.495

Protanomaly
70, 13.813, 314.693

Deuteranomaly
70, 14.260, 333.958

Tritanomaly
70, 17.804, 349.767

Monochromacy



Original Color
70, 20.827, 340.495

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.799, 341.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.827, 340.495 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(201, 159, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 184)  
}
```

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(201, 159, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.827, 340.495 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(201, 159, 184) }
```

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

```
.border{ border-color:rgb(201, 159, 184) }
```

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

Here you see how a box with a 4 pixel rgb(201, 159, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.827, 340.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 184) }
```

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

```
.background{ background-color: rgb(201,  
159, 184) }
```

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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