

Converting Colors

CIELCh(70, 22.724, 342.992)

Have a look what the booklet for
CIELCh(70, 22.724, 342.992)
contains.

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Color

CIELCh(70, 22.605, 342.807)

Conversions

Conversions Part 1

Format	Color
Hex	CD9EB8
RGB	205, 158, 184
RGB Percent	80%, 62%, 72%
CMY	0.1972, 0.3814, 0.2795
CMYK	0.00, 0.23, 0.10, 0.20
HSL	327°, 32%, 71%
HSV	327°, 23%, 80%
XYZ	45.9020, 40.7494, 50.6419
YIQ	175.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

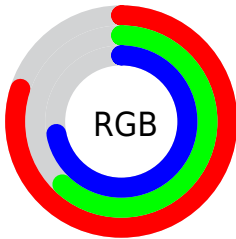
Format	Color
RYB	205, 158, 184
Decimal	13475512
CIELab	70.00, 21.59, -6.68
CIELCh	70, 22.605, 342.807
Yxy	40.7494, 0.3343, 0.2968
Android (android.graphics.Color)	4291665592 (0xFFCD9EB8)
YUV	175.0170, 4.4286, 26.2951
Hunter-Lab	63.8353, 16.6423, -2.3513

Details

The CIELCh color **70, 22.605, 342.807** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **78, 22.115, 158.934**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.525, 337.905**, and **50, 22.690, 342.580** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.537, 343.808**, and if you desaturate by 10%, it is **75, 12.655, 341.902**.

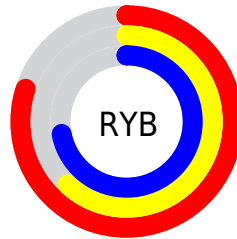
Distribution



Red (80%)

Green (62%)

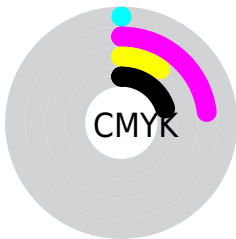
Blue (72%)



Red (80%)

Yellow (62%)

Blue (72%)

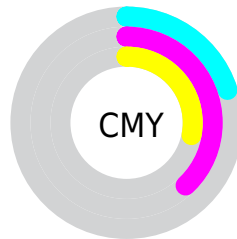


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.605, 342.807 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, 22.605, 342.807 by changing the saturation by 10% instead.


 70, 22.605,
342.807


 70, 22.605,
342.807


 100, 22.605,
342.807


 60, 22.605,
342.807


 90, 22.605,
342.807

 50, 22.605,
342.807

 40, 22.605,
342.807

 30, 22.605,
342.807

 20, 22.605,
342.807

 10, 22.605,
342.807

 0, 22.605, 342.807

70, 22.605,
342.807

70, 22.605,
342.807

65, 32.537,
343.808

75, 12.655,
341.902

60, 42.207,
344.935

81, 2.855, 340.982

86, 6.703, 160.434

56, 51.256,
346.236

92, 15.970,
159.713

52, 59.224,
347.776

96, 21.960,
161.500

49, 65.604,
349.650

96, 19.253,
172.308

47, 69.956,
351.982

97, 17.367,
185.948

45, 72.104,
354.918

97, 16.650,
198.400

44, 72.674,

Harmonies

Complementary

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



70, 22.605, 342.807



78, 22.115, 158.934

Rectangle

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



70, 22.605, 342.807



70, 22.605, 32.807



70, 22.605, 162.807



70, 22.605, 212.807

Sweetspot

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



70, 22.603, 342.809



95, 8.126, 341.391



68, 26.981, 307.890



50, 5.283, 341.445



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, 22.603, 342.809



82, 33.030, 343.336



69, 18.622, 15.917



40, 5.507, 341.592



36, 62.251, 356.719



4, 20.506, 350.161

Inverse Universe

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



70, 22.603, 342.809



82, 33.030, 343.336



79, 16.305, 192.301



40, 5.507, 341.592



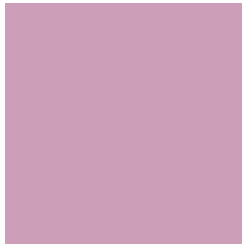
36, 62.251, 356.719



4, 20.506, 350.161

Previews

White Background



This preview shows how the CIELCh color 70, 22.605, 342.807 looks on a white background.

Color Contrast Check

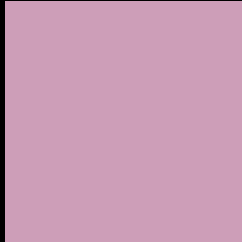
Large Text (above 18pt) WCAG AA × Fail

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 70, 22.605, 342.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

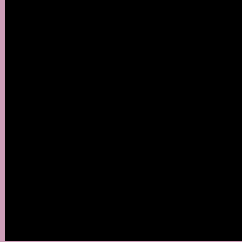
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.605, 342.807

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.605, 342.807.




This preview shows how white text looks on a background with the CIELCh color 70, 22.605, 342.807.

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, 17.780, 359.597

Trichromacy



Original Color
70, 22.605, 342.807

Protanomaly
70, 13.315, 315.628

Deuteranomaly
70, 15.173, 334.687

Tritanomaly
70, 19.491, 352.976

Monochromacy



Original Color
70, 22.605, 342.807

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.096, 342.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.605, 342.807 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(205, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(205, 158, 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(205, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 158, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.605, 342.807 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(205, 158, 184) }
```

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

```
.border{ border-color:rgb(205, 158, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 158, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(205, 158,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.605, 342.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 158, 184) }
```

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

```
.background{ background-color: rgb(205,  
158, 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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