

Converting Colors

CIELCh(70, 24.343, 327.693)

Have a look what the booklet for
CIELCh(70, 24.343, 327.693)
contains.

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Color

CIELCh(70, 24.343, 327.693)

Conversions

Conversions Part 1

Format	Color
Hex	C69FC3
RGB	198, 159, 195
RGB Percent	78%, 62%, 76%
CMY	0.2235, 0.3764, 0.2352
CMYK	0.00, 0.20, 0.02, 0.22
HSL	305°, 25%, 70%
HSV	305°, 20%, 78%
XYZ	45.5448, 40.7494, 57.1033
YIQ	174.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

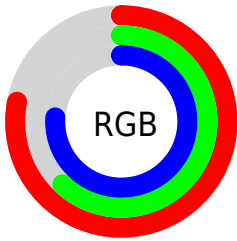
Format	Color
RYB	198, 159, 195
Decimal	13017027
CIELab	70.00, 20.57, -13.01
CIELCh	70, 24.343, 327.693
Yxy	40.7494, 0.3176, 0.2842
Android (android.graphics.Color)	4291207107 (0xFFC69FC3)
YUV	174.7650, 9.9759, 20.3771
Hunter-Lab	63.8353, 15.6434, -8.3527

Details

The CIELCh color $70, 24.343, 327.693$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 24.308, 145.304$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 24.442, 327.385$, and $50, 24.430, 328.131$ is the 20% darker color. If you saturate the color by 10%, you get $65, 36.667, 328.269$, and if you desaturate by 10%, it is $75, 11.933, 327.109$.

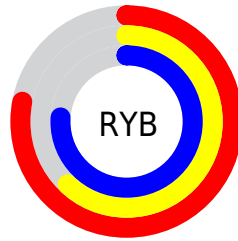
Distribution



Red (78%)

Green (62%)

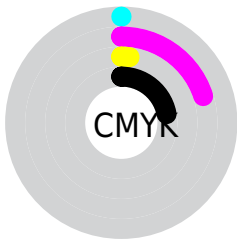
Blue (76%)



Red (78%)

Yellow (62%)

Blue (76%)

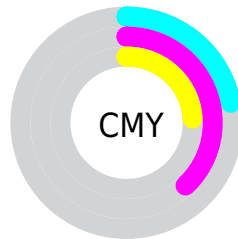


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.343, 327.693 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, 24.343, 327.693 by changing the saturation by 10% instead.


 70, 24.343,
327.693

 70, 24.343,
327.693


 100, 24.343,
327.693

 60, 24.343,
327.693

 90, 24.343,
327.693

 50, 24.343,
327.693

 40, 24.343,
327.693

 30, 24.343,
327.693

 20, 24.343,
327.693

 10, 24.343,
327.693

 0, 24.343, 327.693

70, 24.343,
327.693

70, 24.343,
327.693

65, 36.667,
328.269

75, 11.933,
327.109

61, 48.635,
328.834

80, 0.365, 147.320

57, 59.868,
329.377

85, 12.430,
146.042

53, 69.903,
329.888

91, 24.190,
145.502

51, 78.235,
330.361

95, 33.789,
145.187

48, 84.416,
330.791

95, 33.159,
145.973


47, 88.186,
331.186

95, 32.535,
146.788

46, 89.866,

95, 31.915,
147.633

331.557

 95, 31.301,
148.509

 46, 89.909,
331.568

Harmonies

Complementary

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



70, 24.343, 327.693



76, 24.308, 145.304

Rectangle

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



70, 24.343, 327.693



70, 24.343, 17.693



70, 24.343, 147.693



70, 24.343, 197.693

Sweetspot

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



70, 24.341, 327.693



96, 9.049, 326.891



67, 21.629, 294.750



51, 6.005, 326.932



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, 24.341, 327.693



85, 36.435, 327.963



69, 17.468, 349.226



39, 7.004, 327.091



38, 77.957, 331.518



4, 25.030, 329.682

Inverse Universe

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



70, 24.341, 327.693



85, 36.435, 327.963



77, 16.896, 165.632



39, 7.004, 327.091



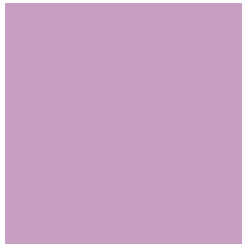
38, 77.957, 331.518



4, 25.030, 329.682

Previews

White Background



This preview shows how the CIELCh color 70, 24.343, 327.693 looks on a white background.

Color Contrast Check

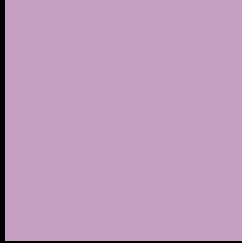
Large Text (above 18pt) WCAG AA × Fail

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, 24.343, 327.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

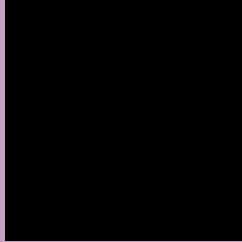
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 24.343, 327.693

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.343, 327.693.




This preview shows how white text looks on a background with the CIELCh color 70, 24.343, 327.693.

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, 13.846, 352.518

Trichromacy



Original Color
70, 24.343, 327.693

Protanomaly
70, 18.588, 304.015

Deuteranomaly
70, 18.202, 316.373

Tritanomaly
70, 16.820, 340.528

Monochromacy



Original Color
70, 24.343, 327.693

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.854, 326.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.343, 327.693 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(198, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 195)  
}
```

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(198, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.343, 327.693 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(198, 159, 195) }
```

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

```
.border{ border-color:rgb(198, 159, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.343, 327.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 195) }
```

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

```
.background{ background-color: rgb(198,  
159, 195) }
```

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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