

Converting Colors

CIE LCh(70, 26.320, 329.336)

Have a look what the booklet for
CIELCh(70, 26.320, 329.336)
contains.

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Color

CIELCh(70, 26.056, 329.016)

Conversions

Conversions Part 1

Format	Color
Hex	C99EC4
RGB	201, 158, 196
RGB Percent	79%, 62%, 77%
CMY	0.2126, 0.3812, 0.2322
CMYK	0.00, 0.21, 0.02, 0.21
HSL	307°, 28%, 70%
HSV	307°, 21%, 79%
XYZ	46.1634, 40.7494, 57.5328
YIQ	175.1890, 13.4300, 20.9340

Conversions

Conversions Part 2

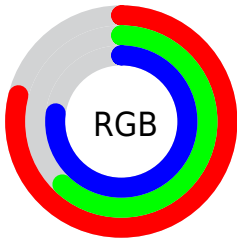
Format	Color
RYB	201, 158, 196
Decimal	13213380
CIELab	70.00, 22.34, -13.41
CIELCh	70, 26.056, 329.016
Yxy	40.7494, 0.3196, 0.2821
Android (android.graphics.Color)	4291403460 (0xFFC99EC4)
YUV	175.1890, 10.2598, 22.6362
Hunter-Lab	63.8353, 17.3732, -8.7516

Details

The CIELCh color $70, 26.056, 329.016$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 26.004, 146.331$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.483, 326.662$, and $50, 26.215, 329.553$ is the 20% darker color. If you saturate the color by 10%, you get $65, 38.158, 329.619$, and if you desaturate by 10%, it is $75, 13.835, 328.413$.

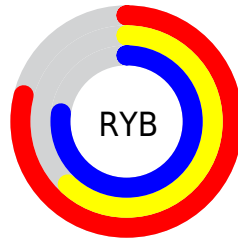
Distribution



Red (79%)

Green (62%)

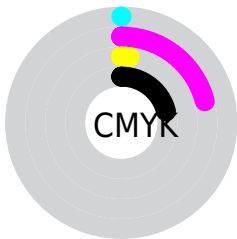
Blue (77%)



Red (79%)

Yellow (62%)

Blue (77%)

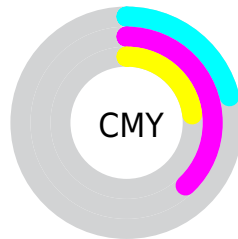


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.056, 329.016 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, 26.056, 329.016 by changing the saturation by 10% instead.


 70, 26.056,
329.016


 70, 26.056,
329.016


 100, 26.056,
329.016


 60, 26.056,
329.016


 90, 26.056,
329.016

 50, 26.056,
329.016

 40, 26.056,
329.016

 30, 26.056,
329.016

 20, 26.056,
329.016

 10, 26.056,
329.016

 0, 26.056, 329.016

70, 26.056,
329.016

70, 26.056,
329.016

65, 38.158,
329.619

75, 13.835,
328.413

61, 49.856,
330.217

80, 1.703, 327.684

57, 60.757,
330.806

85, 10.213,
147.318

53, 70.381,
331.379

91, 21.835,
146.760

50, 78.215,
331.936

95, 31.198,
146.528

48, 83.817,
332.481

95, 30.248,
147.885


47, 86.964,
333.028

95, 29.312,
149.325

46, 88.074,

95, 28.393,
150.854

333.510

 96, 27.491,
152.479

Harmonies

Complementary

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



70, 26.056, 329.016



77, 26.004, 146.331

Rectangle

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



70, 26.056, 329.016



70, 26.056, 19.016



70, 26.056, 149.016



70, 26.056, 199.016

Sweetspot

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



70, 26.054, 329.016



96, 8.805, 328.084



67, 23.895, 296.126



51, 5.843, 328.126



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, 26.054, 329.016



84, 38.412, 329.315



69, 18.883, 351.477



39, 6.816, 328.290



38, 75.614, 333.422



4, 24.180, 331.230

Inverse Universe

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



70, 26.054, 329.016



84, 38.412, 329.315



78, 18.109, 167.431



39, 6.816, 328.290



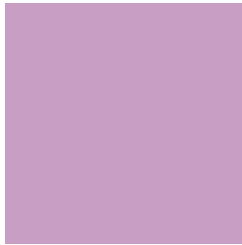
38, 75.614, 333.422



4, 24.180, 331.230

Previews

White Background



This preview shows how the CIELCh color 70, 26.056, 329.016 looks on a white background.

Color Contrast Check

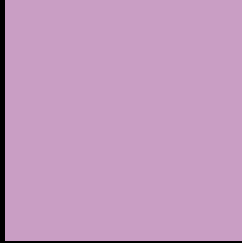
Large Text (above 18pt) WCAG AA × Fail

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, 26.056, 329.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

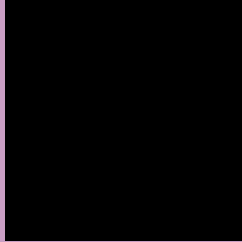
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.056, 329.016

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.056, 329.016.



This preview shows how white text looks on a background with the CIELCh color 70, 26.056, 329.016.

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, 15.241, 355.469

Trichromacy



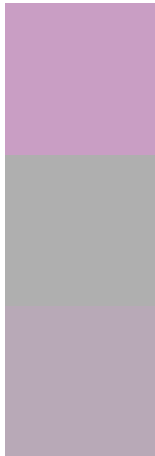
Original Color
70, 26.056, 329.016

Protanomaly
70, 19.658, 303.395

Deuteranomaly
70, 18.844, 316.699

Tritanomaly
70, 18.958, 341.933

Monochromacy



Original Color
70, 26.056, 329.016

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.511, 326.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.056, 329.016 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, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(201, 158, 196)  
}
```

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, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 158, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.056, 329.016 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, 158, 196) }
```

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

```
.border{ border-color:rgb(201, 158, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 158, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 158, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 158, 196);  
box-shadow:4px 4px 4px 4px rgb(201, 158,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.056, 329.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 158, 196) }
```

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

```
.background{ background-color: rgb(201,  
158, 196) }
```

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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