

Converting Colors

CIELCh(70, 25.295, 327.293)

Have a look what the booklet for
CIELCh(70, 25.295, 327.293)
contains.

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Color

CIELCh(70, 24.978, 327.659)

Conversions

Conversions Part 1

Format	Color
Hex	C79FC4
RGB	199, 159, 196
RGB Percent	78%, 62%, 77%
CMY	0.2209, 0.3777, 0.2327
CMYK	0.00, 0.20, 0.02, 0.22
HSL	304°, 26%, 70%
HSV	304°, 20%, 78%
XYZ	45.7297, 40.7494, 57.4779
YIQ	175.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

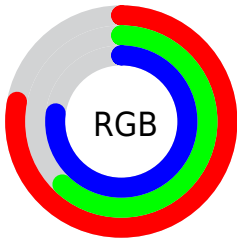
Format	Color
R_{YB}	199, 159, 196
Decimal	13082564
CIE _{Lab}	70.00, 21.10, -13.36
CIE _{LCh}	70, 24.978, 327.659
Yxy	40.7494, 0.3177, 0.2831
Android (android.graphics.Color)	4291272644 (0xFFC79FC4)
YUV	175.1780, 10.2652, 20.8919
Hunter-Lab	63.8353, 16.1605, -8.7006

Details

The CIELCh color $70, 24.978, 327.659$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 24.943, 145.214$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 24.854, 326.672$, and $50, 25.093, 328.096$ is the 20% darker color. If you saturate the color by 10%, you get $65, 37.342, 328.234$, and if you desaturate by 10%, it is $75, 12.517, 327.077$.

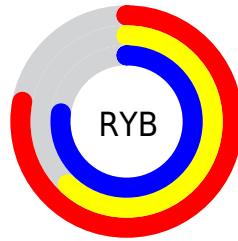
Distribution



Red (78%)

Green (62%)

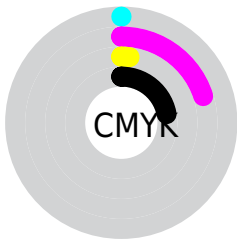
Blue (77%)



Red (78%)

Yellow (62%)

Blue (77%)

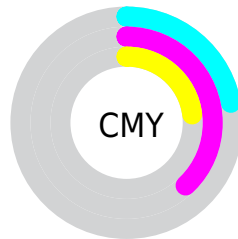


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.978, 327.659 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, 24.978, 327.659 by changing the saturation by 10% instead.


 70, 24.978,
327.659


 70, 24.978,
327.659


 100, 24.978,
327.659


 60, 24.978,
327.659


 90, 24.978,
327.659

 50, 24.978,
327.659

 40, 24.978,
327.659

 30, 24.978,
327.659

 20, 24.978,
327.659

 10, 24.978,
327.659

 0, 24.978, 327.659

70, 24.978,
327.659

70, 24.978,
327.659

65, 37.342,
328.234

75, 12.517,
327.077

61, 49.333,
328.796

80, 0.162, 324.845

57, 60.567,
329.336

85, 11.963,
146.008

53, 70.577,
329.842

91, 23.784,
145.468

51, 78.856,
330.309

95, 33.454,
145.148

48, 84.960,
330.733

95, 32.838,
145.924


47, 88.642,
331.119

95, 32.227,
146.727

46, 90.266,

95, 31.621,
147.559

331.476

 95, 31.021,
148.422

Harmonies

Complementary

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



70, 24.978, 327.659



76, 24.943, 145.214

Rectangle

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



70, 24.978, 327.659



70, 24.978, 17.659



70, 24.978, 147.659



70, 24.978, 197.659

Sweetspot

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



70, 24.976, 327.659



96, 9.062, 326.833



67, 22.181, 294.800



51, 6.013, 326.874



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, 24.976, 327.659



85, 36.484, 327.903



69, 17.907, 349.272



39, 7.014, 327.033



38, 78.076, 331.427



4, 25.073, 329.609

Inverse Universe

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



70, 24.976, 327.659



85, 36.484, 327.903



77, 17.308, 165.587



39, 7.014, 327.033



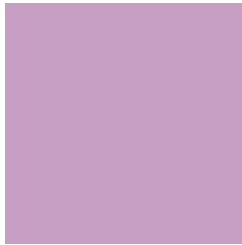
38, 78.076, 331.427



4, 25.073, 329.609

Previews

White Background



This preview shows how the CIELCh color 70, 24.978, 327.659 looks on a white background.

Color Contrast Check

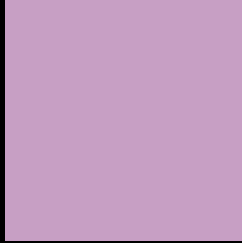
Large Text (above 18pt) WCAG AA × Fail

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, 24.978, 327.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

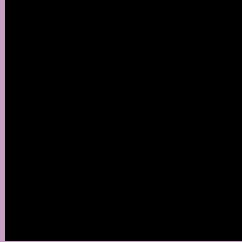
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 24.978, 327.659

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.978, 327.659.



This preview shows how white text looks on a background with the CIELCh color 70, 24.978, 327.659.

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, 14.777, 352.148

Trichromacy



Original Color
70, 24.978, 327.659

Protanomaly
70, 19.123, 303.695

Deuteranomaly
70, 18.696, 315.672

Tritanomaly
70, 18.085, 339.504

Monochromacy



Original Color
70, 24.978, 327.659

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, 24.978, 327.659 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(199, 159, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 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(199, 159, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.978, 327.659 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(199, 159, 196) }
```

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

```
.border{ border-color:rgb(199, 159, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.978, 327.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 196) }
```

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

```
.background{ background-color: rgb(199,  
159, 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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