

Converting Colors

CIELCh(70, 22.877, 330.275)

Have a look what the booklet for
CIELCh(70, 22.877, 330.275)
contains.

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Color

CIELCh(70, 23.081, 330.145)

Conversions

Conversions Part 1

Format	Color
Hex	C69FC0
RGB	198, 159, 192
RGB Percent	78%, 62%, 75%
CMY	0.2224, 0.3754, 0.2460
CMYK	0.00, 0.20, 0.03, 0.22
HSL	309°, 26%, 70%
HSV	309°, 20%, 78%
XYZ	45.3507, 40.7494, 55.5036
YIQ	174.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

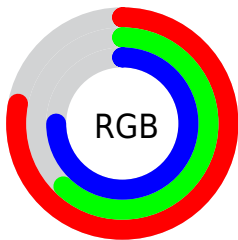
Format	Color
R _Y B	198, 159, 192
Decimal	13017024
CIE Lab	70.00, 20.02, -11.49
CIE LCh	70, 23.081, 330.145
Yxy	40.7494, 0.3203, 0.2878
Android (android.graphics.Color)	4291207104 (0xFFC69FC0)
YUV	174.4230, 8.6655, 20.6770
Hunter-Lab	63.8353, 15.1005, -6.8669

Details

The CIELCh color $70, 23.081, 330.145$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 23.016, 147.644$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 22.840, 330.506$, and $50, 23.539, 329.853$ is the 20% darker color. If you saturate the color by 10%, you get $65, 34.797, 330.775$, and if you desaturate by 10%, it is $75, 11.296, 329.520$.

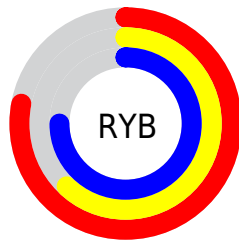
Distribution



Red (78%)

Green (62%)

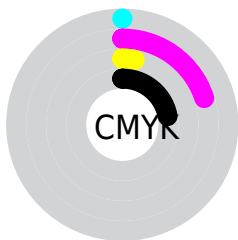
Blue (75%)



Red (78%)

Yellow (62%)

Blue (75%)

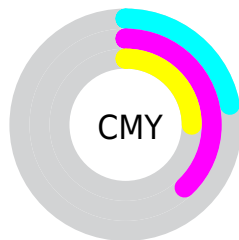


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.081, 330.145 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, 23.081, 330.145 by changing the saturation by 10% instead.


 70, 23.081,
330.145


 70, 23.081,
330.145


 100, 23.081,
330.145


 60, 23.081,
330.145


 90, 23.081,
330.145

 50, 23.081,
330.145

 40, 23.081,
330.145

 30, 23.081,
330.145

 20, 23.081,
330.145

 10, 23.081,
330.145

 0, 23.081, 330.145

70, 23.081,
330.145

70, 23.081,
330.145

65, 34.797,
330.775

75, 11.296,
329.520

61, 46.188,
331.412

80, 0.370, 149.748

57, 56.886,
332.053

85, 11.808,
148.406

53, 66.435,
332.698

91, 22.952,
147.846

50, 74.325,
333.350

95, 31.722,
147.705

48, 80.091,
334.020

95, 30.499,
149.507


46, 83.452,
334.730


95, 29.303,
151.451

45, 84.707,

95, 28.136,
153.549

335.495

 95, 27.004,
155.817

 45, 84.739,
335.520

Harmonies

Complementary

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



70, 23.081, 330.145



76, 23.016, 147.644

Rectangle

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



70, 23.081, 330.145



70, 23.081, 20.145



70, 23.081, 150.145



70, 23.081, 200.145

Sweetspot

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



70, 23.079, 330.145



96, 8.575, 329.290



67, 21.716, 297.718



51, 5.690, 329.334



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, 23.079, 330.145



85, 34.553, 330.440



69, 16.688, 354.521



39, 6.638, 329.502



37, 73.461, 335.400



4, 23.386, 332.846

Inverse Universe

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



70, 23.079, 330.145



85, 34.553, 330.440



77, 15.922, 170.759



39, 6.638, 329.502



37, 73.461, 335.400



4, 23.386, 332.846

Previews

White Background



This preview shows how the CIELCh color 70, 23.081, 330.145 looks on a white background.

Color Contrast Check

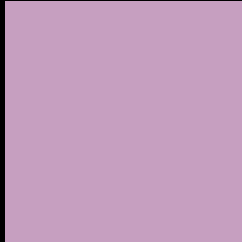
Large Text (above 18pt) WCAG AA × Fail

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, 23.081, 330.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

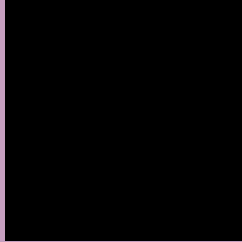
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.081, 330.145

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.081, 330.145.



This preview shows how white text looks on a background with the CIELCh color 70, 23.081, 330.145.

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



Original Color

70, 23.081, 330.145

Protanopia

70, 15.916, 286.727

Deuteranopia

70, 13.918, 309.626



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 23.081, 330.145

Protanomaly
70, 17.606, 305.864

Deuteranomaly
70, 16.911, 319.869

Tritanomaly
70, 17.416, 342.250

Monochromacy



Original Color
70, 23.081, 330.145

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.424, 329.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.081, 330.145 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.081, 330.145 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, 192) }
```

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

```
.border{ border-color:rgb(198, 159, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.081, 330.145 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, 192) }
```

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

```
.background{ background-color: rgb(198,  
159, 192) }
```

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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