

Converting Colors

CIELCh(70, 24.161, 307.390)

Have a look what the booklet for
CIELCh(70, 24.161, 307.390)
contains.

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Color

CIELCh(70, 23.983, 307.580)

Conversions

Conversions Part 1

Format	Color
Hex	B6A4CE
RGB	182, 164, 206
RGB Percent	71%, 64%, 81%
CMY	0.2878, 0.3583, 0.1937
CMYK	0.12, 0.20, 0.00, 0.19
HSL	266°, 30%, 72%
HSV	266°, 20%, 81%
XYZ	43.4991, 40.7494, 63.7120
YIQ	174.1700, -2.7540, 16.8780

Conversions

Conversions Part 2

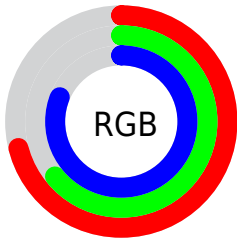
Format	Color
R _Y B	182, 164, 206
Decimal	11969742
CIE Lab	70.00, 14.63, -19.01
CIE LCh	70, 23.983, 307.580
Yxy	40.7494, 0.2940, 0.2754
Android (android.graphics.Color)	4290159822 (0xFFB6A4CE)
YUV	174.1700, 15.6922, 6.8669
Hunter-Lab	63.8353, 9.9230, -14.4908

Details

The CIELCh color $70, 23.983, 307.580$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $80, 23.220, 125.547$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 19.932, 310.661$, and $50, 24.342, 307.771$ is the 20% darker color. If you saturate the color by 10%, you get $64, 36.241, 308.173$, and if you desaturate by 10%, it is $76, 12.051, 307.032$.

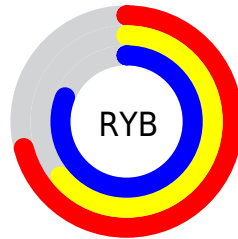
Distribution



Red (71%)

Green (64%)

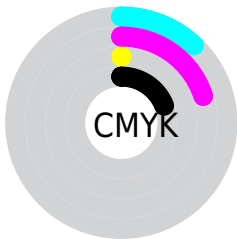
Blue (81%)



Red (71%)

Yellow (64%)

Blue (81%)

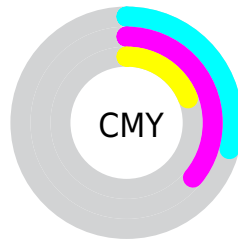


Cyan (12%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (29%)


Magenta (36%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.983, 307.580 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, 23.983, 307.580 by changing the saturation by 10% instead.


 70, 23.983,
307.580


 70, 23.983,
307.580


 100, 23.983,
307.580


 60, 23.983,
307.580


 90, 23.983,
307.580

 50, 23.983,
307.580

 40, 23.983,
307.580

 30, 23.983,
307.580

 20, 23.983,
307.580

 10, 23.983,
307.580

 0, 23.983, 307.580

70, 23.983,
307.580

70, 23.983,
307.580

64, 36.241,
308.173

76, 12.051,
307.032

58, 48.748,
308.804

82, 0.485, 306.354

52, 61.338,
309.445

89, 10.710,
126.128

46, 73.705,
310.051

95, 21.541,
125.742

41, 85.332,
310.546

98, 25.584,
120.529

37, 95.439,
310.820

99, 24.965,
110.765

33, 103.065,
310.738

99, 24.933,
108.286

31, 107.806,

Harmonies

Complementary

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



70, 23.983, 307.580



80, 23.220, 125.547

Rectangle

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



70, 23.983, 307.580



70, 23.983, 357.580



70, 23.983, 127.580



70, 23.983, 177.580

Sweetspot

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



70, 23.981, 307.579



96, 8.213, 306.808



75, 12.449, 248.557



50, 5.453, 306.842



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, 23.981, 307.579



82, 35.222, 307.864



72, 26.770, 323.180



40, 6.510, 306.979



24, 91.683, 310.484



2, 24.244, 304.095

Inverse Universe

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



72, 20.395, 341.636



84, 29.814, 342.088



79, 26.664, 141.018



40, 5.578, 340.678



36, 62.653, 355.090



4, 20.734, 348.984

Previews

White Background



This preview shows how the CIELCh color 70, 23.983, 307.580 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, 23.983, 307.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

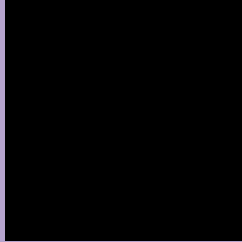
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.983, 307.580

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.983, 307.580.



This preview shows how white text looks on a background with the CIELCh color 70, 23.983, 307.580.

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, 8.073, 318.165

Trichromacy



Original Color
70, 23.983, 307.580

Protanomaly
70, 22.523, 294.123

Deuteranomaly
70, 21.689, 300.544

Tritanomaly
70, 14.051, 311.050

Monochromacy



Original Color
70, 23.983, 307.580

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.639, 308.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.983, 307.580 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(182, 164, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 206)  
}
```

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(182, 164, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.983, 307.580 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(182, 164, 206) }
```

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

```
.border{ border-color:rgb(182, 164, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.983, 307.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 206) }
```

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

```
.background{ background-color: rgb(182,  
164, 206) }
```

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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