

Converting Colors

CIELCh(70, 28.424, 315.095)

Have a look what the booklet for
CIELCh(70, 28.424, 315.095)
contains.

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Color

CIELCh(70, 28.594, 314.976)

Conversions

Conversions Part 1

Format	Color
Hex	BFA0D0
RGB	191, 160, 208
RGB Percent	75%, 63%, 82%
CMY	0.2511, 0.3727, 0.1845
CMYK	0.08, 0.23, 0.00, 0.18
HSL	279°, 34%, 72%
HSV	279°, 23%, 82%
XYZ	45.4178, 40.7494, 65.1172
YIQ	174.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

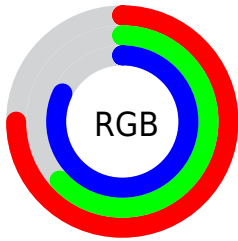
Format	Color
R_{YB}	191, 160, 208
Decimal	12558544
CIE _{Lab}	70.00, 20.21, -20.23
CIE _{LCh}	70, 28.594, 314.976
Yxy	40.7494, 0.3002, 0.2694
Android (android.graphics.Color)	4290748624 (0xFFBFA0D0)
YUV	174.7410, 16.3967, 14.2591
Hunter-Lab	63.8353, 15.2882, -15.7960

Details

The CIELCh color $70, 28.594, 314.976$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 27.996, 132.960$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 23.826, 320.259$, and $50, 29.032, 314.756$ is the 20% darker color. If you saturate the color by 10%, you get $64, 41.289, 315.423$, and if you desaturate by 10%, it is $76, 16.038, 314.530$.

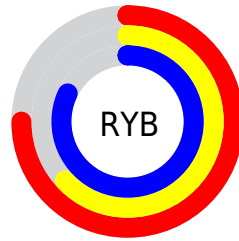
Distribution



Red (75%)

Green (63%)

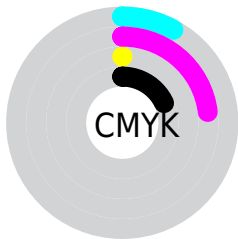
Blue (82%)



Red (75%)

Yellow (63%)

Blue (82%)

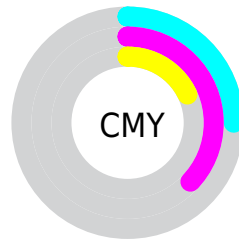


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (25%)


Magenta (37%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.594, 314.976 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, 28.594, 314.976 by changing the saturation by 10% instead.


 70, 28.594,
314.976


 70, 28.594,
314.976


 100, 28.594,
314.976


 60, 28.594,
314.976


 90, 28.594,
314.976

 50, 28.594,
314.976

 40, 28.594,
314.976

 30, 28.594,
314.976

 20, 28.594,
314.976

 10, 28.594,
314.976

 0, 28.594, 314.976

70, 28.594,
314.976

70, 28.594,
314.976

64, 41.289,
315.423

76, 16.038,
314.530

59, 53.946,
315.854

82, 3.736, 314.074

88, 8.255, 133.746

54, 66.264,
316.233

93, 19.909,
133.371

49, 77.803,
316.513

97, 25.917,
130.949

45, 87.960,
316.632

98, 24.957,
125.392

41, 96.035,
316.511


98, 24.255,
119.359

39, 101.418,
316.078

99, 23.848,
112.958

37, 103.817,

315.628

 99, 23.754,
108.377

Harmonies

Complementary

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



70, 28.594, 314.976



80, 27.996, 132.960

Rectangle

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



70, 28.594, 314.976



70, 28.594, 4.976



70, 28.594, 134.976



70, 28.594, 184.976

Sweetspot

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



70, 28.592, 314.976



95, 10.061, 314.266



72, 17.411, 271.789



50, 6.541, 314.293



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, 28.592, 314.976



81, 41.111, 315.211



71, 28.563, 329.675



41, 6.960, 314.369



30, 88.601, 315.782



3, 27.818, 313.535

Inverse Universe

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



71, 20.495, 354.651



82, 29.533, 355.307



79, 28.499, 146.714



41, 4.952, 353.136



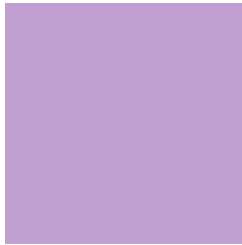
35, 62.757, 15.656



5, 20.733, 2.712

Previews

White Background



This preview shows how the CIELCh color 70, 28.594, 314.976 looks on a white background.

Color Contrast Check

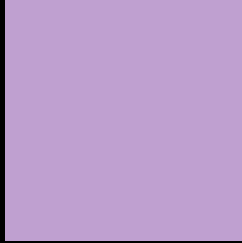
Large Text (above 18pt) WCAG AA × Fail

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, 28.594, 314.976 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, 28.594, 314.976

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.594, 314.976.



This preview shows how white text looks on a background with the CIELCh color 70, 28.594, 314.976.

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, 28.594, 314.976

Protanopia

70, 25.297, 285.902

Deuteranopia

70, 21.448, 295.035



Tritanopia
70, 10.665, 338.557

Trichromacy



Original Color
70, 28.594, 314.976

Protanomaly
70, 25.339, 296.473

Deuteranomaly
70, 24.193, 304.026

Tritanomaly
70, 17.018, 324.111

Monochromacy



Original Color
70, 28.594, 314.976

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.182, 314.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.594, 314.976 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(191, 160, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 160, 208)  
}
```

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(191, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 160, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.594, 314.976 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(191, 160, 208) }
```

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

```
.border{ border-color:rgb(191, 160, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 160, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 160, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 160, 208);  
box-shadow:4px 4px 4px 4px rgb(191, 160,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.594, 314.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 160, 208) }
```

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

```
.background{ background-color: rgb(191,  
160, 208) }
```

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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