

Converting Colors

CIELCh(70, 20.844, 322.746)

Have a look what the booklet for
CIELCh(70, 20.844, 322.746)
contains.

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Color

CIELCh(70, 20.535, 322.681)

Conversions

Conversions Part 1

Format	Color
Hex	BFA2C2
RGB	191, 162, 194
RGB Percent	75%, 64%, 76%
CMY	0.2515, 0.3652, 0.2397
CMYK	0.02, 0.17, 0.00, 0.24
HSL	294°, 21%, 70%
HSV	294°, 17%, 76%
XYZ	44.0789, 40.7494, 56.5096
YIQ	174.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

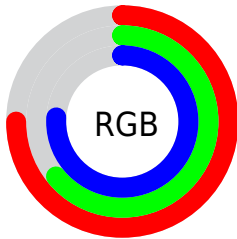
Format	Color
R_{YB}	191, 162, 194
Decimal	12559042
CIE _{Lab}	70.00, 16.33, -12.45
CIE _{LCh}	70, 20.535, 322.681
Yxy	40.7494, 0.3119, 0.2883
Android (android.graphics.Color)	4290749122 (0xFFBFA2C2)
YUV	174.3190, 9.7027, 14.6292
Hunter-Lab	63.8353, 11.5443, -7.8013

Details

The CIELCh color $70, 20.535, 322.681$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 20.453, 140.999$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 20.789, 322.703$, and $50, 20.446, 322.714$ is the 20% darker color. If you saturate the color by 10%, you get $65, 33.069, 323.168$, and if you desaturate by 10%, it is $75, 8.039, 322.176$.

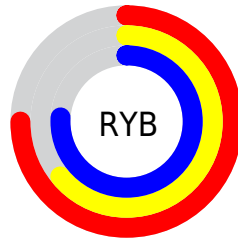
Distribution



Red (75%)

Green (64%)

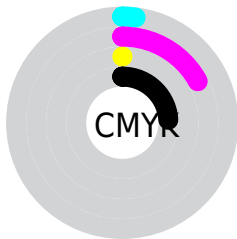
Blue (76%)



Red (75%)

Yellow (64%)

Blue (76%)

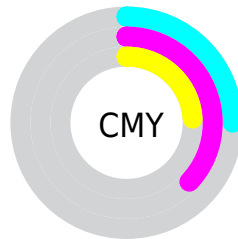


Cyan (2%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (37%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.535, 322.681 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, 20.535, 322.681 by changing the saturation by 10% instead.


 70, 20.535,
322.681


 70, 20.535,
322.681


 100, 20.535,
322.681


 60, 20.535,
322.681


 90, 20.535,
322.681

 50, 20.535,
322.681

 40, 20.535,
322.681

 30, 20.535,
322.681

 20, 20.535,
322.681

 10, 20.535,
322.681

 0, 20.535, 322.681

70, 20.535,
322.681

70, 20.535,
322.681

65, 33.069,
323.168

75, 8.039, 322.176

60, 45.429,
323.632

80, 4.270, 141.778

56, 57.301,
324.053

85, 16.305,
141.273

52, 68.272,
324.409

91, 28.018,
140.823

49, 77.849,
324.671

95, 37.100,
140.329

46, 85.520,
324.812

95, 36.748,
139.538


44, 90.885,
324.808

95, 36.402,
138.728

43, 93.851,

95, 36.062,
137.898

324.651

 95, 35.729,
137.047

 43, 94.616,
324.580

Harmonies

Complementary

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



70, 20.535, 322.681



76, 20.453, 140.999

Rectangle

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



70, 20.535, 322.681



70, 20.535, 12.681



70, 20.535, 142.681



70, 20.535, 192.681

Sweetspot

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



70, 20.533, 322.681



96, 7.653, 322.099



68, 15.872, 287.732



51, 5.266, 322.138



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, 20.533, 322.681



87, 30.884, 322.869



70, 15.978, 339.884



38, 7.021, 322.324



35, 82.301, 324.629



3, 23.070, 322.225

Inverse Universe

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



69, 12.556, 13.068



86, 19.090, 13.484



76, 15.778, 157.343



38, 4.212, 12.351



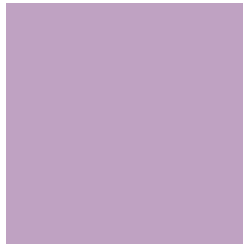
33, 70.060, 35.676



3, 14.072, 14.295

Previews

White Background



This preview shows how the CIELCh color 70, 20.535, 322.681 looks on a white background.

Color Contrast Check

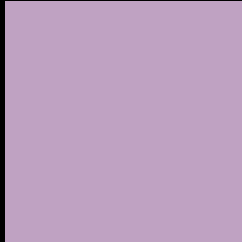
Large Text (above 18pt) WCAG AA × Fail

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, 20.535, 322.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

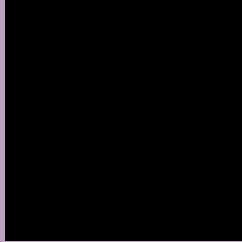
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.535, 322.681

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.535, 322.681.



This preview shows how white text looks on a background with the CIELCh color 70, 20.535, 322.681.

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, 20.535, 322.681

Protanopia

70, 15.916, 286.727

Deuteranopia

70, 14.857, 307.001



Tritanopia
70, 11.239, 341.226

Trichromacy



Original Color
70, 20.535, 322.681

Protanomaly
70, 16.752, 301.535

Deuteranomaly
70, 16.756, 314.494

Tritanomaly
70, 14.411, 331.328

Monochromacy



Original Color
70, 20.535, 322.681

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.109, 322.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.535, 322.681 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, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 162, 194)  
}
```

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, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 162, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.535, 322.681 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, 162, 194) }
```

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

```
.border{ border-color:rgb(191, 162, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 162, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 162,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.535, 322.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 162, 194) }
```

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

```
.background{ background-color: rgb(191,  
162, 194) }
```

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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