

Converting Colors

CIELCh(70, 20.712, 332.012)

Have a look what the booklet for
CIELCh(70, 20.712, 332.012)
contains.

CIELCh(70, 20.977, 332.286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 20.977, 332.286)

Conversions

Conversions Part 1

Format	Color
Hex	C5A0BD
RGB	197, 160, 189
RGB Percent	77%, 63%, 74%
CMY	0.2270, 0.3721, 0.2583
CMYK	0.00, 0.19, 0.04, 0.23
HSL	313°, 24%, 70%
HSV	313°, 19%, 77%
XYZ	44.8485, 40.7494, 53.7156
YIQ	174.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

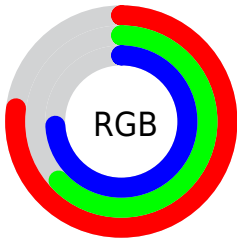
Format	Color
R _Y B	197, 160, 189
Decimal	12951741
CIE Lab	70.00, 18.57, -9.76
CIE LCh	70, 20.977, 332.286
Yxy	40.7494, 0.3219, 0.2925
Android (android.graphics.Color)	4291141821 (0xFFC5A0BD)
YUV	174.3690, 7.2131, 19.8474
Hunter-Lab	63.8353, 13.6965, -5.2062

Details

The CIELCh color $70, 20.977, 332.286$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 20.883, 149.800$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 20.835, 332.612$, and $50, 21.314, 332.032$ is the 20% darker color. If you saturate the color by 10%, you get $65, 32.173, 332.968$, and if you desaturate by 10%, it is $75, 9.748, 331.620$.

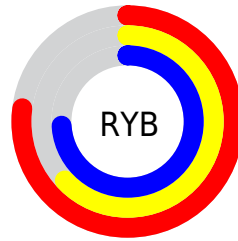
Distribution



Red (77%)

Green (63%)

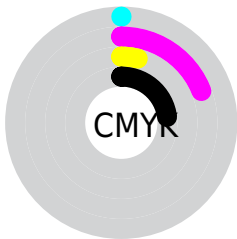
Blue (74%)



Red (77%)

Yellow (63%)

Blue (74%)

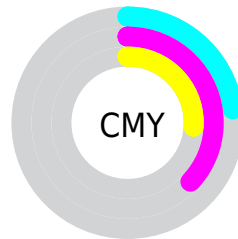


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.977, 332.286 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, 20.977, 332.286 by changing the saturation by 10% instead.


 70, 20.977,
332.286


 70, 20.977,
332.286


 100, 20.977,
332.286


 60, 20.977,
332.286


 90, 20.977,
332.286

 50, 20.977,
332.286

 40, 20.977,
332.286

 30, 20.977,
332.286

 20, 20.977,
332.286

 10, 20.977,
332.286

 0, 20.977, 332.286

70, 20.977,
332.286

70, 20.977,
332.286

65, 32.173,
332.968

75, 9.748, 331.620

61, 43.100,
333.675

80, 1.345, 151.260

56, 53.411,
334.409

85, 12.204,
150.461

53, 62.666,
335.181

91, 22.774,
149.885

50, 70.360,
336.004

95, 30.821,
149.926

47, 76.013,
336.904

95, 29.166,
152.673


46, 79.306,
337.918


95, 27.573,
155.729

45, 80.413,

95, 26.054,
159.134

339.077

 96, 24.626,
162.930

 45, 80.502,
339.223

Harmonies

Complementary

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



70, 20.977, 332.286



76, 20.883, 149.800

Rectangle

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



70, 20.977, 332.286



70, 20.977, 22.286



70, 20.977, 152.286



70, 20.977, 202.286

Sweetspot

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



70, 20.975, 332.287



96, 8.203, 331.436



68, 20.661, 299.420



51, 5.444, 331.483



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, 20.975, 332.287



86, 31.707, 332.596



69, 15.450, 357.827



39, 6.351, 331.661



37, 70.128, 339.037



4, 22.125, 335.843

Inverse Universe

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



70, 20.975, 332.287



86, 31.707, 332.596



77, 14.640, 174.216



39, 6.351, 331.661



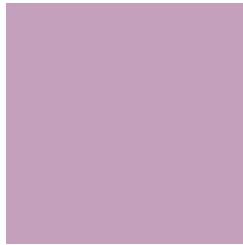
37, 70.128, 339.037



4, 22.125, 335.843

Previews

White Background



This preview shows how the CIELCh color 70, 20.977, 332.286 looks on a white background.

Color Contrast Check

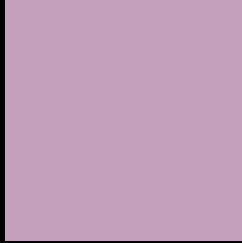
Large Text (above 18pt) WCAG AA × Fail

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, 20.977, 332.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

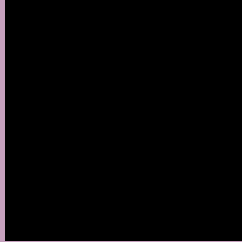
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.977, 332.286

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.977, 332.286.



This preview shows how white text looks on a background with the CIELCh color 70, 20.977, 332.286.

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, 20.977, 332.286

Protanopia

70, 13.716, 287.116

Deuteranopia

70, 12.510, 313.567



Tritanopia
70, 13.846, 352.518

Trichromacy



Original Color
70, 20.977, 332.286

Protanomaly
70, 15.498, 307.776

Deuteranomaly
70, 15.507, 322.793

Tritanomaly
70, 16.169, 343.531

Monochromacy



Original Color
70, 20.977, 332.286

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.354, 332.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.977, 332.286 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(197, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 189)  
}
```

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(197, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.977, 332.286 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(197, 160, 189) }
```

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

```
.border{ border-color:rgb(197, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.977, 332.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 189) }
```

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

```
.background{ background-color: rgb(197,  
160, 189) }
```

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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