

Converting Colors

CIELCh(70, 18.954, 353.853)

Have a look what the booklet for
CIELCh(70, 18.954, 353.853)
contains.

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Color

CIELCh(70, 18.927, 353.855)

Conversions

Conversions Part 1

Format	Color
Hex	CB9FAF
RGB	203, 159, 175
RGB Percent	80%, 62%, 69%
CMY	0.2027, 0.3753, 0.3125
CMYK	0.00, 0.22, 0.14, 0.20
HSL	338°, 30%, 71%
HSV	338°, 22%, 80%
XYZ	44.9342, 40.7494, 46.2129
YIQ	173.9800, 21.0880, 14.3040

Conversions

Conversions Part 2

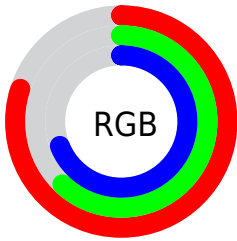
Format	Color
R _Y B	203, 159, 175
Decimal	13344687
CIE Lab	70.00, 18.82, -2.03
CIE LCh	70, 18.927, 353.855
Yxy	40.7494, 0.3407, 0.3089
Android (android.graphics.Color)	4291534767 (0xFFFCB9FAF)
YUV	173.9800, 0.5029, 25.4505
Hunter-Lab	63.8353, 13.9360, 1.7623

Details

The CIELCh color $70, 18.927, 353.855$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 18.016, 169.676$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.008, 351.536$, and $50, 19.075, 352.765$ is the 20% darker color. If you saturate the color by 10%, you get $65, 27.984, 355.115$, and if you desaturate by 10%, it is $75, 10.026, 352.758$.

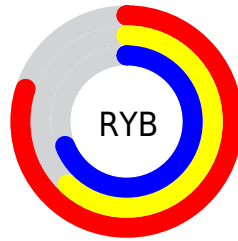
Distribution



Red (80%)

Green (62%)

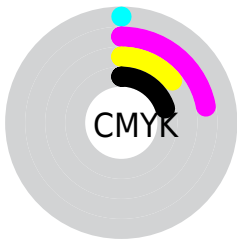
Blue (69%)



Red (80%)

Yellow (62%)

Blue (69%)

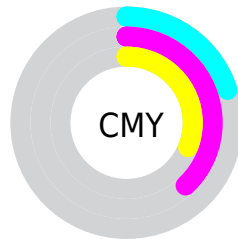


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.927, 353.855 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, 18.927, 353.855 by changing the saturation by 10% instead.


 70, 18.927,
353.855


 70, 18.927,
353.855


 100, 18.927,
353.855


 60, 18.927,
353.855


 90, 18.927,
353.855

 50, 18.927,
353.855

 40, 18.927,
353.855

 30, 18.927,
353.855

 20, 18.927,
353.855

 10, 18.927,
353.855

 0, 18.927, 353.855

70, 18.927,
353.855

70, 18.927,
353.855

65, 27.984,
355.115

75, 10.026,
352.758

60, 37.016,
356.596

81, 1.396, 351.528

86, 6.909, 171.084

55, 45.736,
358.383

92, 14.872,
170.292

51, 53.762, 0.590

96, 19.313,
174.727

48, 60.657, 3.367

97, 17.208,
194.845

46, 66.055, 6.891

44, 69.843, 11.317

97, 17.082,
198.373

43, 72.210, 15.580

Harmonies

Complementary

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



70, 18.927, 353.855



78, 18.016, 169.676

Rectangle

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



70, 18.927, 353.855



70, 18.927, 43.855



70, 18.927, 173.855



70, 18.927, 223.855

Sweetspot

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



70, 18.925, 353.858



96, 6.148, 352.175



69, 26.224, 314.505



51, 4.083, 352.246



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, 18.925, 353.858



83, 27.481, 354.425



71, 15.510, 32.444



40, 4.877, 352.524



35, 61.871, 14.696



4, 18.864, 1.575

Inverse Universe

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



70, 18.925, 353.858



83, 27.481, 354.425



77, 13.380, 212.182



40, 4.877, 352.524



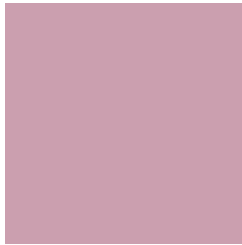
35, 61.871, 14.696



4, 18.864, 1.575

Previews

White Background



This preview shows how the CIELCh color 70, 18.927, 353.855 looks on a white background.

Color Contrast Check

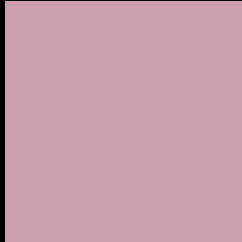
Large Text (above 18pt) WCAG AA × Fail

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, 18.927, 353.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

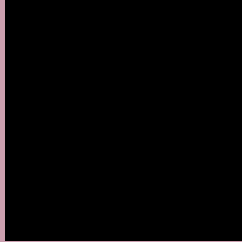
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.927, 353.855

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.927, 353.855.



This preview shows how white text looks on a background with the CIELCh color 70, 18.927, 353.855.

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, 18.927, 353.855

Protanopia
70, 6.594, 294.024

Deuteranopia
70, 9.114, 351.589



Tritanopia
70, 17.780, 359.597

Trichromacy



Original Color
70, 18.927, 353.855

Protanomaly
70, 10.000, 330.252

Deuteranomaly
70, 12.342, 354.344

Tritanomaly
70, 17.953, 357.956

Monochromacy



Original Color
70, 18.927, 353.855

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.670, 355.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.927, 353.855 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(203, 159, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 159, 175)  
}
```

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(203, 159, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 159, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.927, 353.855 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(203, 159, 175) }
```

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

```
.border{ border-color:rgb(203, 159, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 159, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 159, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 159, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 159,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.927, 353.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 159, 175) }
```

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

```
.background{ background-color: rgb(203,  
159, 175) }
```

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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