

Converting Colors

CIELCh(70, 28.856, 352.411)

Have a look what the booklet for
CIELCh(70, 28.856, 352.411)
contains.

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Color

CIELCh(70, 28.937, 351.974)

Conversions

Conversions Part 1

Format	Color
Hex	DA98B3
RGB	218, 152, 179
RGB Percent	85%, 60%, 70%
CMY	0.1440, 0.4029, 0.2970
CMYK	0.00, 0.30, 0.18, 0.14
HSL	335°, 47%, 73%
HSV	335°, 30%, 86%
XYZ	48.4247, 40.7494, 48.0959
YIQ	174.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

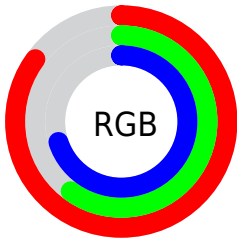
Format	Color
R _{YB}	218, 152, 179
Decimal	14325939
CIE Lab	70.00, 28.65, -4.04
CIE LCh	70, 28.937, 351.974
Yxy	40.7494, 0.3528, 0.2969
Android (android.graphics.Color)	4292516019 (0xFFDA98B3)
YUV	174.8120, 2.0647, 37.8759
Hunter-Lab	63.8353, 23.6964, 0.0134

Details

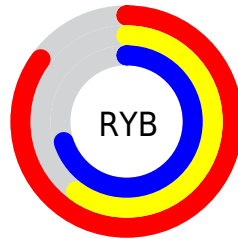
The CIELCh color $70, 28.937, 351.974$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 27.317, 165.914$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 22.551, 340.923$, and $50, 28.964, 352.280$ is the 20% darker color. If you saturate the color by 10%, you get $65, 38.634, 353.351$, and if you desaturate by 10%, it is $75, 19.179, 350.794$.

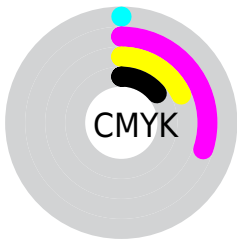
Distribution



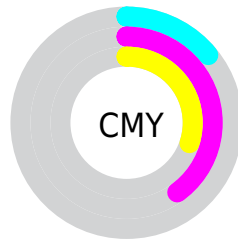
- Red (85%)
- Green (60%)
- Blue (70%)



- Red (85%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (40%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.937, 351.974 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, 28.937, 351.974 by changing the saturation by 10% instead.


 70, 28.937,
351.974


 70, 28.937,
351.974


 100, 28.937,
351.974


 60, 28.937,
351.974


 90, 28.937,
351.974

 50, 28.937,
351.974

 40, 28.937,
351.974

 30, 28.937,
351.974

 20, 28.937,
351.974

 10, 28.937,
351.974

 0, 28.937, 351.974

70, 28.937,
351.974

70, 28.937,
351.974

65, 38.634,
353.351

75, 19.179,
350.794

60, 47.973,
354.991

81, 9.572, 349.745

87, 0.230, 346.852

56, 56.533,
356.996

93, 8.785, 168.126

52, 63.829,
359.503

97, 13.960,
174.208

49, 69.425, 2.683

98, 12.363,
198.680

48, 73.129, 6.710

47, 75.378, 11.424

Harmonies

Complementary

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



70, 28.937, 351.974



82, 27.317, 165.914

Rectangle

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



70, 28.937, 351.974



70, 28.937, 41.974



70, 28.937, 171.974



70, 28.937, 221.974

Sweetspot

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



70, 28.934, 351.976



94, 9.524, 349.628



69, 38.746, 313.280



49, 6.633, 349.776



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, 28.934, 351.976



77, 39.191, 352.784



71, 24.777, 28.446



43, 5.318, 349.664



37, 63.398, 10.531



6, 24.348, 0.637

Inverse Universe

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



70, 28.934, 351.976



77, 39.191, 352.784



81, 19.981, 206.520



43, 5.318, 349.664



37, 63.398, 10.531



6, 24.348, 0.637

Previews

White Background



This preview shows how the CIELCh color 70, 28.937, 351.974 looks on a white background.

Color Contrast Check

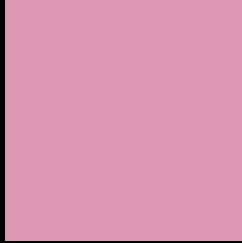
Large Text (above 18pt) WCAG AA × Fail

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, 28.937, 351.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

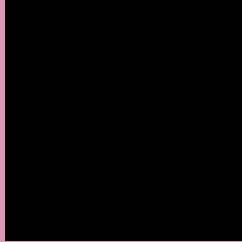
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.937, 351.974

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.937, 351.974.



This preview shows how white text looks on a background with the CIELCh color 70, 28.937, 351.974.

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, 28.937, 351.974

Protanopia

70, 10.958, 289.397

Deuteranopia

70, 9.676, 341.867



Tritanopia
70, 25.453, 7.178

Trichromacy



Original Color
70, 28.937, 351.974

Protanomaly
70, 14.807, 326.289

Deuteranomaly
70, 16.818, 347.567

Tritanomaly
70, 26.534, 0.545

Monochromacy



Original Color
70, 28.937, 351.974

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.618, 349.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.937, 351.974 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(218, 152, 179)` looks like.

```
.text, #text, p{  
    color:rgb(218, 152, 179)  
}
```

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(218, 152, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 152, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.937, 351.974 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(218, 152, 179) }
```

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

```
.border{ border-color:rgb(218, 152, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 152, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 152, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 152, 179);  
box-shadow:4px 4px 4px 4px rgb(218, 152,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.937, 351.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 152, 179) }
```

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

```
.background{ background-color: rgb(218,  
152, 179) }
```

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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