

Converting Colors

CIELCh(70, 27.205, 353.472)

Have a look what the booklet for
CIELCh(70, 27.205, 353.472)
contains.

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Color

CIELCh(70, 27.473, 352.618)

Conversions

Conversions Part 1

Format	Color
Hex	D899B2
RGB	216, 153, 178
RGB Percent	85%, 60%, 70%
CMY	0.1517, 0.3988, 0.3008
CMYK	0.00, 0.29, 0.18, 0.15
HSL	336°, 45%, 72%
HSV	336°, 29%, 85%
XYZ	47.9142, 40.7494, 47.6140
YIQ	174.6870, 29.5230, 21.1310

Conversions

Conversions Part 2

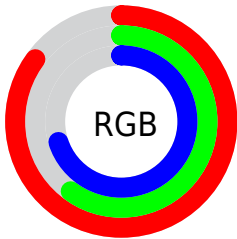
Format	Color
R _Y B	216, 153, 178
Decimal	14195122
CIE Lab	70.00, 27.25, -3.53
CIE LCh	70, 27.473, 352.618
Yxy	40.7494, 0.3516, 0.2990
Android (android.graphics.Color)	4292385202 (0xFFD899B2)
YUV	174.6870, 1.6333, 36.2315
Hunter-Lab	63.8353, 22.2690, 0.4610

Details

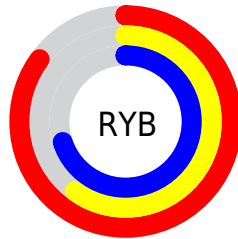
The CIELCh color $70, 27.473, 352.618$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $82, 25.912, 166.782$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 21.633, 342.411$, and $50, 27.449, 352.896$ is the 20% darker color. If you saturate the color by 10%, you get $65, 37.083, 353.991$, and if you desaturate by 10%, it is $75, 17.845, 351.441$.

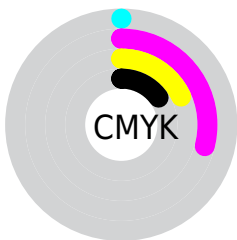
Distribution



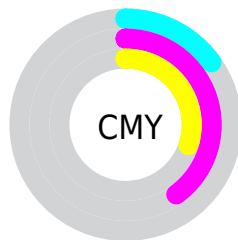
- Red (85%)
- Green (60%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.473, 352.618 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, 27.473, 352.618 by changing the saturation by 10% instead.

 70, 27.473,
352.618


 70, 27.473,
352.618


 100, 27.473,
352.618


 60, 27.473,
352.618


 90, 27.473,
352.618

 50, 27.473,
352.618

 40, 27.473,
352.618

 30, 27.473,
352.618

 20, 27.473,
352.618

 10, 27.473,
352.618

 0, 27.473, 352.618

70, 27.473,
352.618

70, 27.473,
352.618

65, 37.083,
353.991

75, 17.845,
351.441

60, 46.395,
355.626

81, 8.393, 350.392

87, 0.777, 170.150

56, 55.010,
357.624

93, 9.614, 168.784

52, 62.456, 0.120

97, 14.602,
174.826

49, 68.290, 3.286

97, 12.993,
198.638

47, 72.295, 7.295

46, 74.820, 12.164

46, 75.039, 12.595

Harmonies

Complementary

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



70, 27.473, 352.618



82, 25.912, 166.782

Rectangle

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



70, 27.473, 352.618



70, 27.473, 42.618



70, 27.473, 172.618



70, 27.473, 222.618

Sweetspot

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



70, 27.470, 352.620



94, 9.453, 350.387



69, 37.125, 313.769



49, 6.584, 350.537



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, 27.470, 352.620



78, 37.865, 353.443



71, 23.260, 29.788



42, 5.177, 350.421



36, 62.820, 11.654



5, 22.711, 0.863

Inverse Universe

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



70, 27.470, 352.620



78, 37.865, 353.443



81, 18.916, 208.407



42, 5.177, 350.421



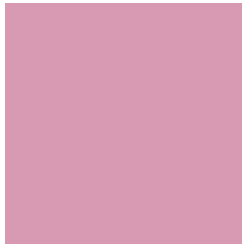
36, 62.820, 11.654



5, 22.711, 0.863

Previews

White Background



This preview shows how the CIELCh color 70, 27.473, 352.618 looks on a white background.

Color Contrast Check

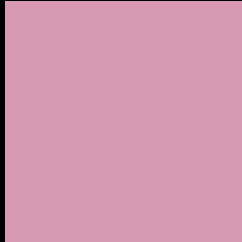
Large Text (above 18pt) WCAG AA × Fail

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, 27.473, 352.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

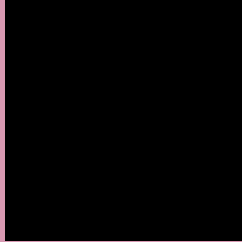
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.473, 352.618

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.473, 352.618.

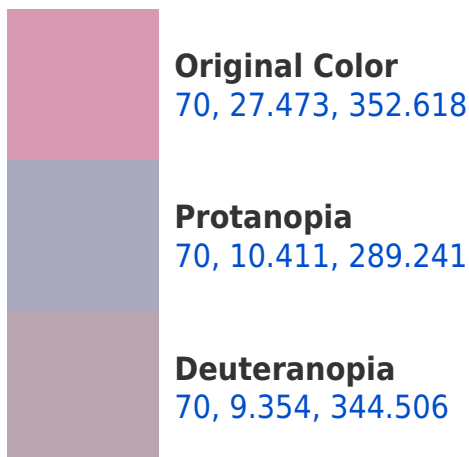


This preview shows how white text looks on a background with the CIELCh color 70, 27.473, 352.618.

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





Tritanopia
70, 24.271, 6.298

Trichromacy



Original Color
70, 27.473, 352.618

Protanomaly
70, 14.155, 326.318

Deuteranomaly
70, 16.222, 348.410

Tritanomaly
70, 25.267, 0.570

Monochromacy



Original Color
70, 27.473, 352.618

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.026, 351.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.473, 352.618 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(216, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(216, 153, 178)  
}
```

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(216, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 153, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.473, 352.618 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(216, 153, 178) }
```

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

```
.border{ border-color:rgb(216, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(216, 153,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.473, 352.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 153, 178) }
```

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

```
.background{ background-color: rgb(216,  
153, 178) }
```

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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