

# Converting Colors

CIELCh(73, 21.975, 357.068)

Have a look what the booklet for  
CIELCh(73, 21.975, 357.068)  
contains.

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# Color

**CIELCh(73, 22.128, 357.077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA5B6
RGB	218, 165, 182
RGB Percent	85%, 65%, 71%
CMY	0.1453, 0.3531, 0.2865
CMYK	0.00, 0.24, 0.17, 0.15
HSL	341°, 42%, 75%
HSV	341°, 24%, 85%
XYZ	50.7817, 45.1644, 50.2692
YIQ	182.7850, 26.1310, 16.5230

# Conversions

## Conversions Part 2

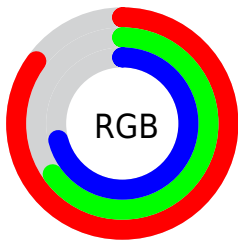
Format	Color
R <sub>Y</sub> B	218, 165, 182
Decimal	14329270
CIE Lab	73.00, 22.10, -1.13
CIE LCh	73, 22.128, 357.077
Yxy	45.1644, 0.3473, 0.3089
Android (android.graphics.Color)	4292519350 (0xFFDAA5B6)
YUV	182.7850, -0.3870, 30.8836
Hunter-Lab	67.2044, 17.2722, 2.6940

# Details

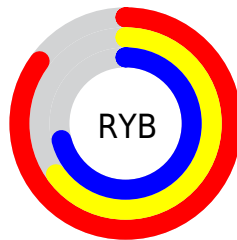
The CIELCh color  $73, 22.128, 357.077$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $83, 20.714, 172.199$ , and the grayscale version is  $74, 0.009, 296.813$ .

A 20% lighter version of the original color is  $91, 15.631, 344.027$ , and  $53, 21.830, 357.377$  is the 20% darker color. If you saturate the color by 10%, you get  $68, 31.618, 358.451$ , and if you desaturate by 10%, it is  $79, 12.807, 355.903$ .

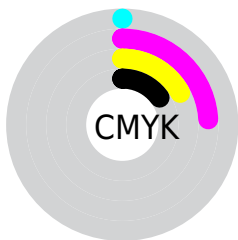
# Distribution



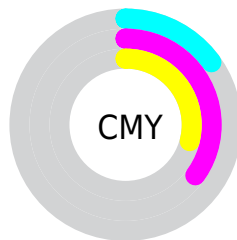
- Red (85%)
- Green (65%)
- Blue (71%)



- Red (85%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (35%)
- Yellow (29%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 22.128, 357.077 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 73, 22.128, 357.077 by changing the saturation by 10% instead.




 73, 22.128,  
357.077


 73, 22.128,  
357.077


 100, 22.128,  
357.077


 63, 22.128,  
357.077


 93, 22.128,  
357.077

 53, 22.128,  
357.077

 43, 22.128,  
357.077

 33, 22.128,  
357.077

 23, 22.128,  
357.077

 13, 22.128,  
357.077

 3, 22.128, 357.077

0, 22.128, 357.077

73, 22.128,  
357.077

73, 22.128,  
357.077

68, 31.618,  
358.451

79, 12.807,  
355.903

62, 41.071, 0.093

84, 3.788, 354.805

58, 50.169, 2.105

90, 4.871, 174.157

54, 58.498, 4.622

96, 13.149,  
173.306

50, 65.622, 7.813

97, 12.466,  
198.673

48, 71.236, 11.848

47, 75.366, 16.823

46, 77.407, 19.898



# Harmonies

# Complementary

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



73, 22.128, 357.077



83, 20.714, 172.199

# Rectangle

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



73, 22.128, 357.077



73, 22.128, 47.077



73, 22.128, 177.077



73, 22.128, 227.077

# Sweetspot

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



73, 22.126, 357.080



95, 7.016, 355.120



72, 31.470, 315.706



50, 4.564, 355.186



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 22.126, 357.080



81, 30.180, 357.729



75, 18.205, 35.787



43, 5.058, 355.375



36, 64.973, 18.929



6, 23.957, 5.841



# Inverse Universe

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



73, 22.126, 357.080



81, 30.180, 357.729



81, 15.401, 216.274



43, 5.058, 355.375



36, 64.973, 18.929

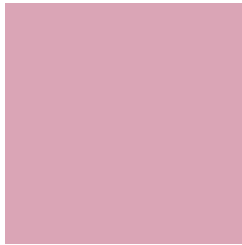


6, 23.957, 5.841



# Previews

## White Background



This preview shows how the CIELCh color 73, 22.128, 357.077 looks on a white background.

## Color Contrast Check

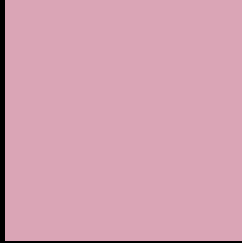
Large Text (above 18pt) WCAG AA × Fail

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 73, 22.128, 357.077 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

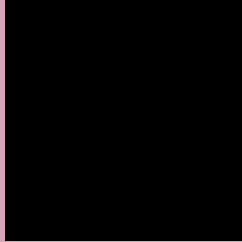
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 73, 22.128, 357.077

## Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.128, 357.077.

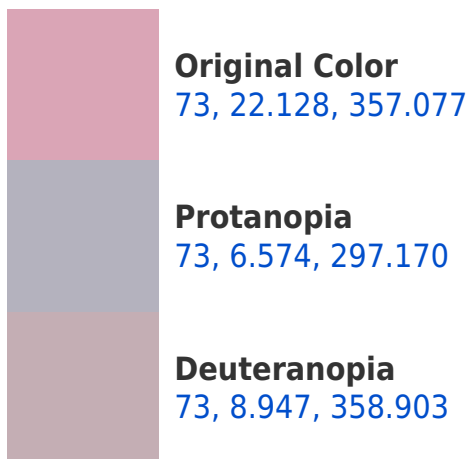


This preview shows how white text looks on a background with the CIELCh color 73, 22.128, 357.077.

# 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**  
73, 20.970, 3.456

# Trichromacy



**Original Color**  
73, 22.128, 357.077

**Protanomaly**  
73, 10.940, 336.397

**Deuteranomaly**  
73, 13.645, 357.322

**Tritanomaly**  
73, 21.101, 2.043

# Monochromacy



**Original Color**  
73, 22.128, 357.077

**Achromatopsia**  
74, 0.009, 296.813

**Achromatomaly**  
74, 8.440, 353.490

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 22.128, 357.077 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, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 182)  
}
```

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, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 182) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 22.128, 357.077 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, 165, 182) }
```

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

```
.border{ border-color:rgb(218, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
182) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 22.128, 357.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 182) }
```

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

```
.background{ background-color: rgb(218,  
165, 182) }
```

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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