

Converting Colors

CIELCh(72, 21.357, 357.311)

Have a look what the booklet for
CIELCh(72, 21.357, 357.311)
contains.

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Color

CIELCh(72, 21.285, 357.499)

Conversions

Conversions Part 1

Format	Color
Hex	D6A3B3
RGB	214, 163, 179
RGB Percent	84%, 64%, 70%
CMY	0.1614, 0.3614, 0.2987
CMYK	0.00, 0.24, 0.16, 0.16
HSL	341°, 38%, 74%
HSV	341°, 24%, 84%
XYZ	48.8743, 43.6590, 48.4156
YIQ	180.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

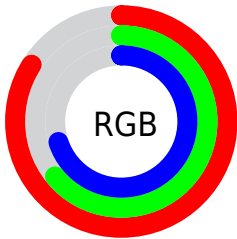
Format	Color
R_{YB}	214, 163, 179
Decimal	14066611
CIE _{Lab}	72.00, 21.26, -0.93
CIE _{LCh}	72, 21.285, 357.499
Yxy	43.6590, 0.3468, 0.3098
Android (android.graphics.Color)	4292256691 (0xFFD6A3B3)
YUV	180.0730, -0.5290, 29.7540
Hunter-Lab	66.0750, 16.4014, 2.8085

Details

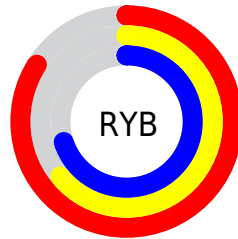
The CIELCh color **72, 21.285, 357.499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 19.919, 172.730**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.964, 347.171**, and **52, 21.334, 358.338** is the 20% darker color. If you saturate the color by 10%, you get **67, 30.610, 358.868**, and if you desaturate by 10%, it is **78, 12.143, 356.330**.

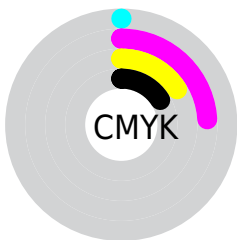
Distribution



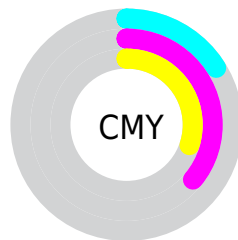
- Red (84%)
- Green (64%)
- Blue (70%)



- Red (84%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (36%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 21.285, 357.499 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 72, 21.285, 357.499 by changing the saturation by 10% instead.

 72, 21.285,
357.499

 72, 21.285,
357.499

 100, 21.285,
357.499

 62, 21.285,
357.499

 92, 21.285,
357.499

 52, 21.285,
357.499

 42, 21.285,
357.499

 32, 21.285,
357.499

 22, 21.285,
357.499

 12, 21.285,
357.499

 2, 21.285, 357.499

0, 21.285, 357.499

72, 21.285,
357.499

72, 21.285,
357.499

67, 30.610,
358.868

78, 12.143,
356.330

62, 39.923, 0.502

83, 3.307, 355.221

57, 48.918, 2.506

89, 5.167, 174.589

53, 57.197, 5.011

95, 13.263,
173.748

50, 64.335, 8.185

97, 13.959,
192.705

47, 70.022, 12.199

46, 74.265, 17.146

97, 13.783,
198.586

45, 76.525, 20.472

Harmonies

Complementary

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



72, 21.285, 357.499



82, 19.919, 172.730

Rectangle

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



72, 21.285, 357.499



72, 21.285, 47.499



72, 21.285, 177.499



72, 21.285, 227.499

Sweetspot

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



72, 21.283, 357.502



95, 6.990, 355.598



72, 30.487, 316.217



50, 4.547, 355.664



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 21.283, 357.502



81, 30.094, 358.218



74, 17.350, 37.455



42, 4.942, 355.851



36, 64.434, 19.504



5, 22.324, 5.527

Inverse Universe

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



72, 21.283, 357.502



81, 30.094, 358.218



80, 14.754, 218.338



42, 4.942, 355.851



36, 64.434, 19.504



5, 22.324, 5.527

Previews

White Background



This preview shows how the CIELCh color 72, 21.285, 357.499 looks on a white background.

Color Contrast Check

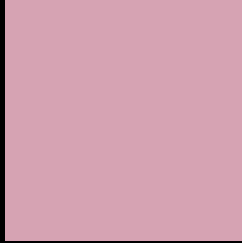
Large Text (above 18pt) WCAG AA × Fail

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 72, 21.285, 357.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

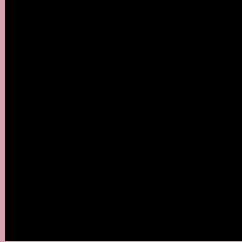
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.285, 357.499

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.285, 357.499.



This preview shows how white text looks on a background with the CIELCh color 72, 21.285, 357.499.

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
72, 21.285, 357.499

Protanopia
72, 5.466, 294.555

Deuteranopia
72, 8.976, 358.921



Tritanopia
72, 20.432, 1.263

Trichromacy



Original Color
72, 21.285, 357.499

Protanomaly
72, 9.686, 337.883

Deuteranomaly
72, 13.689, 357.347

Tritanomaly
72, 20.585, 359.825

Monochromacy



Original Color
72, 21.285, 357.499

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.545, 354.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.285, 357.499 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(214, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 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(214, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.285, 357.499 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(214, 163, 179) }
```

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

```
.border{ border-color:rgb(214, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.285, 357.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 179) }
```

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

```
.background{ background-color: rgb(214,  
163, 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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