

Converting Colors

CIELCh(72, 21.635, 351.320)

Have a look what the booklet for
CIELCh(72, 21.635, 351.320)
contains.

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Color

CIELCh(72, 21.446, 351.165)

Conversions

Conversions Part 1

Format	Color
Hex	D4A3B7
RGB	212, 163, 183
RGB Percent	83%, 64%, 72%
CMY	0.1683, 0.3604, 0.2820
CMYK	0.00, 0.23, 0.14, 0.17
HSL	336°, 36%, 74%
HSV	336°, 23%, 83%
XYZ	48.8475, 43.6590, 50.7010
YIQ	179.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

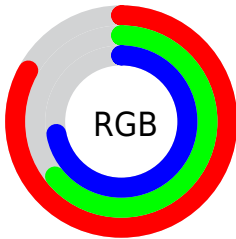
Format	Color
R _Y B	212, 163, 183
Decimal	13935543
CIE Lab	72.00, 21.19, -3.29
CIE LCh	72, 21.446, 351.165
Yxy	43.6590, 0.3411, 0.3049
Android (android.graphics.Color)	4292125623 (0xFFD4A3B7)
YUV	179.9310, 1.5130, 28.1245
Hunter-Lab	66.0750, 16.3291, 0.7578

Details

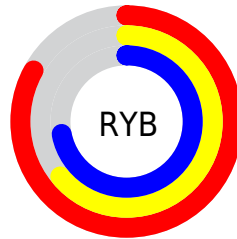
The CIELCh color $72, 21.446, 351.165$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 20.523, 166.756$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.140, 341.327$, and $52, 21.455, 351.518$ is the 20% darker color. If you saturate the color by 10%, you get $67, 30.979, 352.397$, and if you desaturate by 10%, it is $78, 12.006, 350.089$.

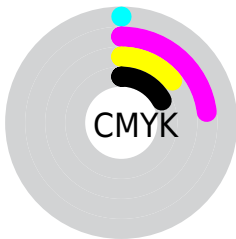
Distribution



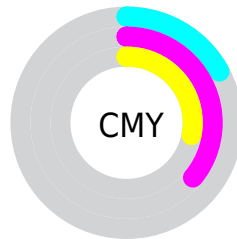
- Red (83%)
- Green (64%)
- Blue (72%)



- Red (83%)
- Yellow (64%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (17%)





- Cyan (17%)
- Magenta (36%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 21.446, 351.165 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, 21.446, 351.165 by changing the saturation by 10% instead.


 72, 21.446,
351.165


 72, 21.446,
351.165


 100, 21.446,
351.165


 62, 21.446,
351.165


 92, 21.446,
351.165

 52, 21.446,
351.165

 42, 21.446,
351.165

 32, 21.446,
351.165

 22, 21.446,
351.165

 12, 21.446,
351.165

 2, 21.446, 351.165

0, 21.446, 351.165

72, 21.446,
351.165

72, 21.446,
351.165

67, 30.979,
352.397

78, 12.006,
350.089

62, 40.390,
353.837

83, 2.802, 349.027

57, 49.347,
355.566

89, 6.095, 168.428

95, 14.654,
167.627

53, 57.418,
357.694

97, 15.405,
180.745

50, 64.131, 0.368

97, 14.337,
198.550

47, 69.103, 3.762

46, 72.254, 8.040

Harmonies

Complementary

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



72, 21.446, 351.165



81, 20.523, 166.756

Rectangle

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



72, 21.446, 351.165



72, 21.446, 41.165



72, 21.446, 171.165



72, 21.446, 221.165

Sweetspot

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



72, 21.444, 351.168



95, 7.380, 349.478



71, 28.713, 312.938



50, 4.800, 349.540



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, 21.444, 351.168



82, 30.330, 351.783



72, 17.957, 27.923



42, 5.213, 349.717



36, 62.709, 10.554



5, 22.781, 0.176

Inverse Universe

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



72, 21.444, 351.168



82, 30.330, 351.783



81, 15.319, 206.559



42, 5.213, 349.717



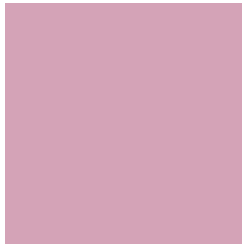
36, 62.709, 10.554



5, 22.781, 0.176

Previews

White Background



This preview shows how the CIELCh color 72, 21.446, 351.165 looks on a white background.

Color Contrast Check

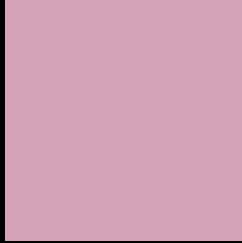
Large Text (above 18pt) WCAG AA × Fail

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, 21.446, 351.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

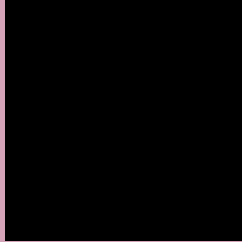
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.446, 351.165

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.446, 351.165.



This preview shows how white text looks on a background with the CIELCh color 72, 21.446, 351.165.

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, 21.446, 351.165

Protanopia
72, 8.169, 290.977

Deuteranopia
72, 9.924, 343.245



Tritanopia
72, 19.316, 359.915

Trichromacy



Original Color
72, 21.446, 351.165

Protanomaly
72, 11.453, 326.474

Deuteranomaly
72, 13.960, 347.713

Tritanomaly
72, 19.665, 356.928

Monochromacy



Original Color
72, 21.446, 351.165

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.787, 350.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.446, 351.165 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(212, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(212, 163, 183)  
}
```

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(212, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 163, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.446, 351.165 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(212, 163, 183) }
```

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

```
.border{ border-color:rgb(212, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(212, 163,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.446, 351.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 163, 183) }
```

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

```
.background{ background-color: rgb(212,  
163, 183) }
```

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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