

Converting Colors

CIELCh(73, 21.245, 2.528)

Have a look what the booklet for
CIELCh(73, 21.245, 2.528) contains.

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Color

CIELCh(73, 21.492, 2.448)

Conversions

Conversions Part 1

Format	Color
Hex	DAA5B2
RGB	218, 165, 178
RGB Percent	85%, 65%, 70%
CMY	0.1441, 0.3520, 0.3010
CMYK	0.00, 0.24, 0.18, 0.14
HSL	345°, 42%, 75%
HSV	345°, 24%, 86%
XYZ	50.5467, 45.1644, 48.2990
YIQ	182.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

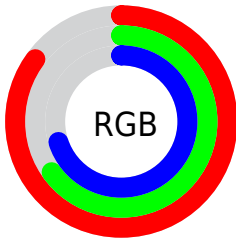
Format	Color
R _Y B	218, 165, 178
Decimal	14329266
CIE Lab	73.00, 21.47, 0.92
CIE LCh	73, 21.492, 2.448
Yxy	45.1644, 0.3510, 0.3136
Android (android.graphics.Color)	4292519346 (0xFFDAA5B2)
YUV	182.3290, -2.1342, 31.2835
Hunter-Lab	67.2044, 16.6480, 4.4321

Details

The CIELCh color $73, 21.492, 2.448$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $83, 19.716, 177.576$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.550, 350.672$, and $53, 21.208, 3.205$ is the 20% darker color. If you saturate the color by 10%, you get $68, 30.879, 3.885$, and if you desaturate by 10%, it is $79, 12.372, 1.241$.

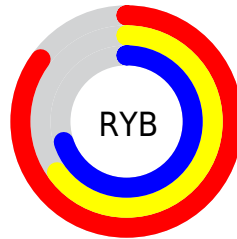
Distribution



Red (85%)

Green (65%)

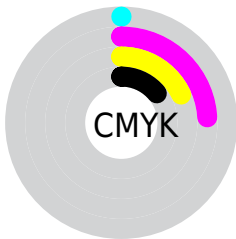
Blue (70%)



Red (85%)

Yellow (65%)

Blue (70%)

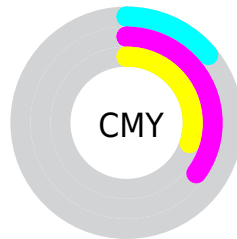


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (14%)



Cyan (14%)


Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 21.492, 2.448 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, 21.492, 2.448 by changing the saturation by 10% instead.

 73, 21.492, 2.448  73, 21.492, 2.448

 100, 21.492, 2.448  63, 21.492, 2.448

 93, 21.492, 2.448  53, 21.492, 2.448

 43, 21.492, 2.448

 33, 21.492, 2.448

 23, 21.492, 2.448

 13, 21.492, 2.448

 3, 21.492, 2.448

 0, 21.492, 2.448

 73, 21.492, 2.448  73, 21.492, 2.448

68, 30.879, 3.885

79, 12.372, 1.241

62, 40.356, 5.626

85, 3.628, 0.120

58, 49.637, 7.786

91, 4.701, 179.496

54, 58.347, 10.510

97, 12.608,
178.650

50, 66.094, 13.962

98, 12.368,
198.680

48, 72.611, 18.280

46, 77.925, 23.456

46, 80.717, 26.554

Harmonies

Complementary

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



73, 21.492, 2.448



83, 19.716, 177.576

Rectangle

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



73, 21.492, 2.448



73, 21.492, 52.448



73, 21.492, 182.448



73, 21.492, 232.448

Sweetspot

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



73, 21.490, 2.452



95, 6.762, 0.445



73, 32.071, 318.342



50, 4.400, 0.512



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, 21.490, 2.452



81, 29.386, 3.131



76, 17.377, 44.497



43, 4.879, 0.705



36, 67.509, 25.584



5, 23.791, 9.637

Inverse Universe

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



73, 21.490, 2.452



81, 29.386, 3.131



80, 14.875, 227.069



43, 4.879, 0.705



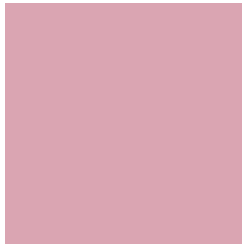
36, 67.509, 25.584



5, 23.791, 9.637

Previews

White Background



This preview shows how the CIELCh color 73, 21.492, 2.448 looks on a white background.

Color Contrast Check

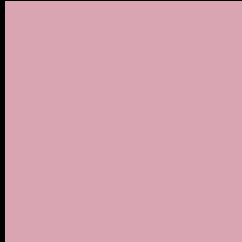
Large Text (above 18pt) WCAG AA × Fail

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, 21.492, 2.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

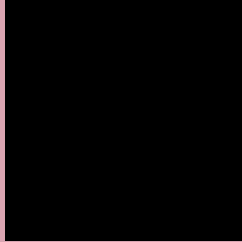
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 21.492, 2.448

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.492, 2.448.



This preview shows how white text looks on a background with the CIELCh color 73, 21.492, 2.448.

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

73, 21.492, 2.448

Protanopia

73, 4.503, 304.789

Deuteranopia

73, 9.298, 10.149



Tritanopia
73, 21.492, 2.448

Trichromacy



Original Color
73, 21.492, 2.448

Protanomaly
73, 9.909, 347.120

Deuteranomaly
73, 13.417, 6.642

Tritanomaly
73, 21.492, 2.448

Monochromacy



Original Color
73, 21.492, 2.448

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.505, 3.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.492, 2.448 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 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(218, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.492, 2.448 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, 178) }
```

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

```
.border{ border-color:rgb(218, 165, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 165, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 165, 178); box-shadow:4px 4px 4px 4px rgb(218, 165, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.492, 2.448 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, 178) }
```

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

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