

Converting Colors

CIELCh(73, 21.813, 37.363)

Have a look what the booklet for
CIELCh(73, 21.813, 37.363) contains.

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Color

CIELCh(73, 21.915, 36.680)

Conversions

Conversions Part 1

Format	Color
Hex	DBA79C
RGB	219, 167, 156
RGB Percent	86%, 65%, 61%
CMY	0.1407, 0.3446, 0.3878
CMYK	0.00, 0.24, 0.29, 0.14
HSL	10°, 47%, 74%
HSV	10°, 29%, 86%
XYZ	49.1020, 45.1644, 37.6337
YIQ	181.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

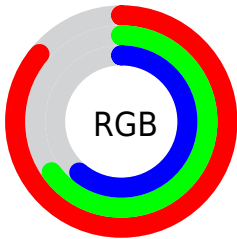
Format	Color
R _Y B	219, 169, 156
Decimal	14395292
CIE Lab	73.00, 17.58, 13.09
CIE LCh	73, 21.915, 36.680
Yxy	45.1644, 0.3723, 0.3424
Android (android.graphics.Color)	4292585372 (0xFFDBA79C)
YUV	181.2940, -12.4699, 33.0682
Hunter-Lab	67.2044, 12.8106, 13.8414

Details

The CIELCh color **73, 21.915, 36.680** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 17.918, 217.492**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.866, 46.560**, and **53, 21.899, 36.667** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.794, 37.043**, and if you desaturate by 10%, it is **78, 13.704, 36.504**.

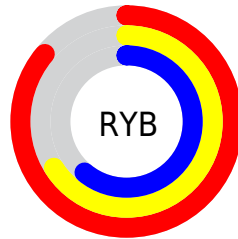
Distribution



Red (86%)

Green (65%)

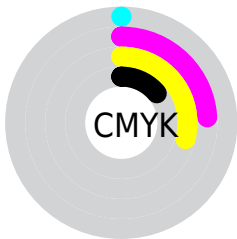
Blue (61%)



Red (86%)

Yellow (66%)

Blue (61%)

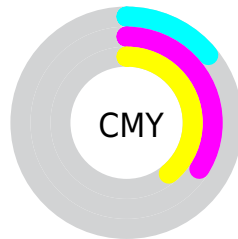


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (14%)



Cyan (14%)

Magenta (34%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 21.915, 36.680 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, 21.915, 36.680 by changing the saturation by 10% instead.

73, 21.915, 36.680

73, 21.915, 36.680

100, 21.915,
36.680

63, 21.915, 36.680

93, 21.915, 36.680

53, 21.915, 36.680

43, 21.915, 36.680

33, 21.915, 36.680

23, 21.915, 36.680

13, 21.915, 36.680

3, 21.915, 36.680

0, 21.915, 36.680

73, 21.915, 36.680

73, 21.915, 36.680

68, 30.794, 37.043

78, 13.704, 36.504

64, 40.341, 37.621

83, 6.136, 36.425

60, 50.485, 38.461

88, 0.841, 217.300

56, 61.051, 39.569

93, 7.283, 216.841

52, 71.651, 40.857

98, 12.086,
198.699

50, 81.416, 41.994

48, 88.858, 42.430

48, 89.708, 42.532

Harmonies

Complementary

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



73, 21.915, 36.680



80, 17.918, 217.492

Rectangle

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



73, 21.915, 36.680



73, 21.915, 86.680



73, 21.915, 216.680



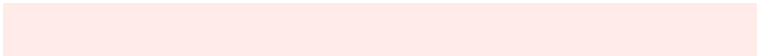
73, 21.915, 266.680

Sweetspot

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



73, 21.914, 36.687



95, 7.143, 36.427



72, 36.262, 331.172



50, 4.994, 36.438



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, 21.914, 36.687



80, 31.003, 36.897



81, 23.792, 87.423



43, 3.993, 36.430



38, 74.966, 42.876



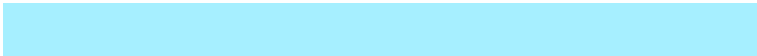
7, 21.262, 29.762

Inverse Universe

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



80, 17.918, 217.492



90, 24.031, 217.893



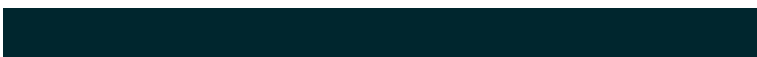
72, 23.640, 275.535



45, 3.761, 216.831



55, 32.632, 229.854



13, 13.127, 223.359

Previews

White Background



This preview shows how the CIELCh color 73, 21.915, 36.680 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, 21.915, 36.680 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, 21.915, 36.680

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.915, 36.680.

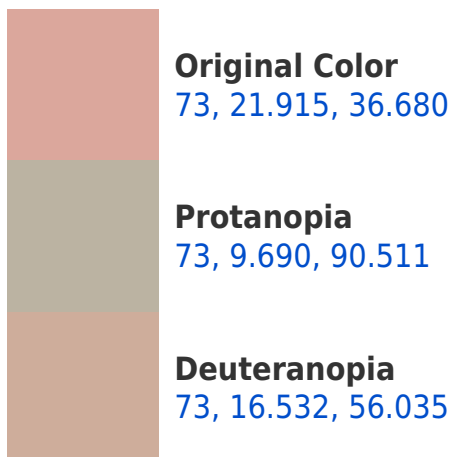


This preview shows how white text looks on a background with the CIELCh color 73, 21.915, 36.680.

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, 23.003, 3.916

Trichromacy



Original Color
73, 21.915, 36.680

Protanomaly
73, 12.521, 60.117

Deuteranomaly
73, 18.399, 48.352

Tritanomaly
73, 21.662, 15.701

Monochromacy



Original Color
73, 21.915, 36.680

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 7.616, 36.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.915, 36.680 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(219, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 156)  
}
```

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(219, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.915, 36.680 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(219, 167, 156) }
```

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

```
.border{ border-color:rgb(219, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.915, 36.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 156) }
```

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

```
.background{ background-color: rgb(219,  
167, 156) }
```

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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