

Converting Colors

CIELCh(72, 19.382, 33.764)

Have a look what the booklet for
CIELCh(72, 19.382, 33.764) contains.

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Color

CIELCh(72, 19.382, 33.764)

Conversions

Conversions Part 1

Format	Color
Hex	D5A69E
RGB	213, 166, 158
RGB Percent	84%, 65%, 62%
CMY	0.1664, 0.3506, 0.3820
CMYK	0.00, 0.22, 0.26, 0.17
HSL	9°, 39%, 73%
HSV	9°, 26%, 83%
XYZ	47.0127, 43.6590, 38.1140
YIQ	179.1410, 30.5800, 7.4760

Conversions

Conversions Part 2

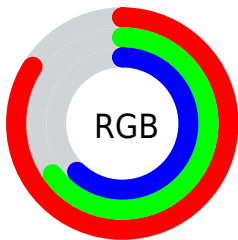
Format	Color
RYB	213, 167, 158
Decimal	14001822
CIELab	72.00, 16.11, 10.77
CIELCh	72, 19.382, 33.764
Yxy	43.6590, 0.3650, 0.3390
Android (android.graphics.Color)	4292191902 (0xFFD5A69E)
YUV	179.1410, -10.4225, 29.6943
Hunter-Lab	66.0750, 11.3724, 12.0522

Details

The CIELCh color $72, 19.382, 33.764$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.186, 213.729$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.355, 38.150$, and $52, 19.144, 33.488$ is the 20% darker color. If you saturate the color by 10%, you get $67, 28.018, 34.245$, and if you desaturate by 10%, it is $77, 11.398, 33.473$.

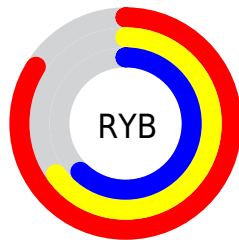
Distribution



Red (84%)

Green (65%)

Blue (62%)



Red (84%)

Yellow (65%)

Blue (62%)

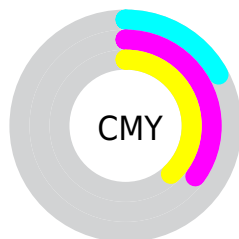


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (17%)



Cyan (17%)

Magenta (35%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 19.382, 33.764 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, 19.382, 33.764 by changing the saturation by 10% instead.

 72, 19.382, 33.764

 72, 19.382, 33.764

 100, 19.382,
33.764

 62, 19.382, 33.764

 92, 19.382, 33.764

 52, 19.382, 33.764

 42, 19.382, 33.764

 32, 19.382, 33.764

 22, 19.382, 33.764

 12, 19.382, 33.764

 2, 19.382, 33.764

 0, 19.382, 33.764

 72, 19.382, 33.764

 72, 19.382, 33.764

67, 28.018, 34.245

77, 11.398, 33.473

63, 37.307, 34.953

82, 4.040, 33.248

58, 47.189, 35.947

87, 2.743, 213.578

54, 57.514, 37.257

92, 9.009, 213.489

51, 67.968, 38.842

97, 14.188,
198.560

48, 77.882, 40.462

46, 85.808, 41.470

46, 88.519, 41.881

Harmonies

Complementary

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



72, 19.382, 33.764



79, 16.186, 213.729

Rectangle

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



72, 19.382, 33.764



72, 19.382, 83.764



72, 19.382, 213.764



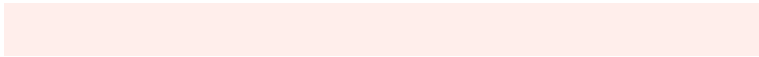
72, 19.382, 263.764

Sweetspot

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



72, 19.381, 33.771



95, 6.452, 33.307



71, 32.577, 329.849



50, 4.614, 33.341



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, 19.381, 33.771



82, 27.552, 34.005



79, 20.229, 85.016



42, 3.996, 33.337



37, 74.892, 42.154



6, 20.058, 27.450

Inverse Universe

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



79, 16.186, 213.729



92, 22.028, 213.917



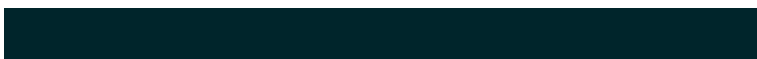
72, 19.890, 272.293



44, 3.761, 213.481



56, 32.322, 223.517



13, 12.811, 217.934

Previews

White Background



This preview shows how the CIELCh color 72, 19.382, 33.764 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, 19.382, 33.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

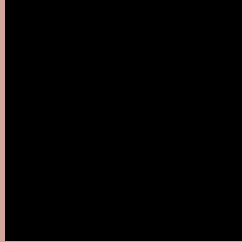
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 19.382, 33.764

Background



This preview shows how black text looks on a background with the CIELCh color 72, 19.382, 33.764.

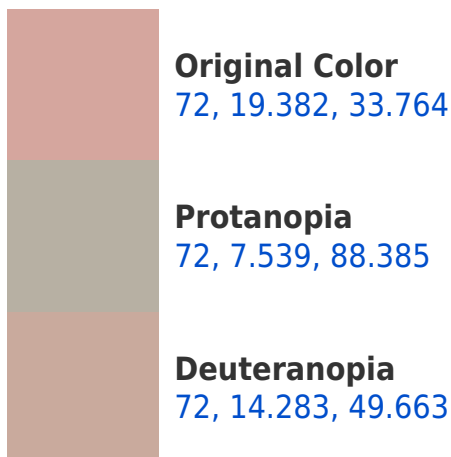


This preview shows how white text looks on a background with the CIELCh color 72, 19.382, 33.764.

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
72, 21.039, 3.497

Trichromacy



Original Color
72, 19.382, 33.764

Protanomaly
72, 10.526, 54.346

Deuteranomaly
72, 16.009, 42.258

Tritanomaly
72, 19.709, 13.371

Monochromacy



Original Color
72, 19.382, 33.764

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 6.721, 33.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 19.382, 33.764 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(213, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 166, 158)  
}
```

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(213, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 166, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 19.382, 33.764 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(213, 166, 158) }
```

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

```
.border{ border-color:rgb(213, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(213, 166,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 19.382, 33.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 166, 158) }
```

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

```
.background{ background-color: rgb(213,  
166, 158) }
```

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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