

Converting Colors

CIELCh(72, 17.388, 31.839)

Have a look what the booklet for
CIELCh(72, 17.388, 31.839) contains.

CIELCh(72, 17.188, 33.427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 17.188, 33.427)

Conversions

Conversions Part 1

Format	Color
Hex	D1A7A0
RGB	209, 167, 160
RGB Percent	82%, 65%, 63%
CMY	0.1809, 0.3456, 0.3730
CMYK	0.00, 0.20, 0.23, 0.18
HSL	9°, 35%, 72%
HSV	9°, 23%, 82%
XYZ	46.3849, 43.6590, 39.1813
YIQ	178.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

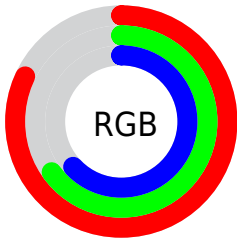
Format	Color
RYP	209, 168, 160
Decimal	13739936
CIELab	72.00, 14.34, 9.47
CIElCh	72, 17.188, 33.427
Yxy	43.6590, 0.3589, 0.3379
Android (android.graphics.Color)	4291930016 (0xFFD1A7A0)
YUV	178.7600, -9.2487, 26.5205
Hunter-Lab	66.0750, 9.6765, 11.0945

Details

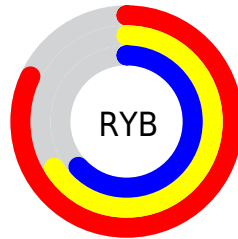
The CIELCh color $72, 17.188, 33.427$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 14.624, 213.353$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.802, 36.508$, and $52, 17.189, 32.743$ is the 20% darker color. If you saturate the color by 10%, you get $67, 25.558, 33.875$, and if you desaturate by 10%, it is $77, 9.456, 33.156$.

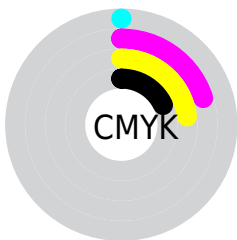
Distribution



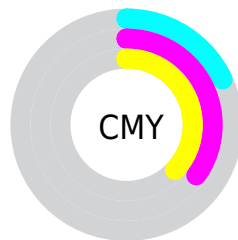
- Red (82%)
- Green (65%)
- Blue (63%)



- Red (82%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 17.188, 33.427 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, 17.188, 33.427 by changing the saturation by 10% instead.

72, 17.188, 33.427

72, 17.188, 33.427

100, 17.188,
33.427

62, 17.188, 33.427

92, 17.188, 33.427

52, 17.188, 33.427

42, 17.188, 33.427

32, 17.188, 33.427

22, 17.188, 33.427

12, 17.188, 33.427

2, 17.188, 33.427

0, 17.188, 33.427

72, 17.188, 33.427

72, 17.188, 33.427

67, 25.558, 33.875

77, 9.456, 33.156

63, 34.576, 34.537

82, 2.330, 32.856

58, 44.198, 35.475

87, 4.242, 213.223

54, 54.299, 36.730

92, 10.316,
213.206

51, 64.622, 38.285

97, 15.356,
198.484

48, 74.622, 39.968

46, 83.104, 41.249

45, 87.406, 41.846

Harmonies

Complementary

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



72, 17.188, 33.427



79, 14.624, 213.353

Rectangle

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



72, 17.188, 33.427



72, 17.188, 83.427



72, 17.188, 213.427



72, 17.188, 263.427

Sweetspot

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



72, 17.187, 33.435



96, 5.633, 33.012



71, 29.133, 329.699



51, 3.669, 33.028



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, 17.187, 33.435



84, 24.619, 33.625



78, 18.033, 85.340



41, 3.924, 33.068



36, 74.086, 42.102



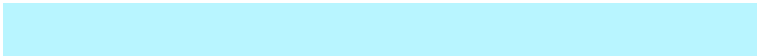
5, 18.361, 27.018

Inverse Universe

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



79, 14.624, 213.353



93, 20.168, 213.488



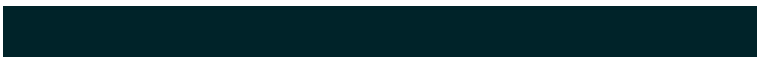
72, 17.762, 271.856



43, 3.694, 213.191



55, 31.987, 222.930



12, 12.381, 217.136

Previews

White Background



This preview shows how the CIELCh color 72, 17.188, 33.427 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, 17.188, 33.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

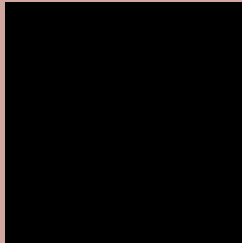
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 17.188, 33.427

Background



This preview shows how black text looks on a background with the CIELCh color 72, 17.188, 33.427.

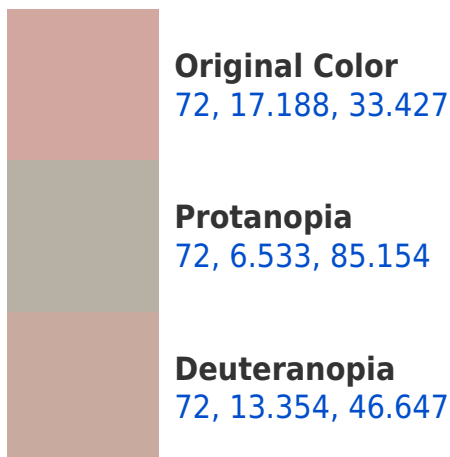


This preview shows how white text looks on a background with the CIELCh color 72, 17.188, 33.427.

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, 19.316, 359.915

Trichromacy



Original Color
72, 17.188, 33.427

Protanomaly
72, 9.202, 55.840

Deuteranomaly
72, 14.610, 42.077

Tritanomaly
72, 17.761, 10.540

Monochromacy



Original Color
72, 17.188, 33.427

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.960, 35.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 17.188, 33.427 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(209, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(209, 167, 160)  
}
```

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(209, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 167, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 17.188, 33.427 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(209, 167, 160) }
```

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

```
.border{ border-color:rgb(209, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 167, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 167, 160); box-shadow:4px 4px 4px 4px rgb(209, 167, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 17.188, 33.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 167, 160) }
```

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

```
.background{ background-color: rgb(209,  
167, 160) }
```

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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