

Converting Colors

CIELCh(72, 23.832, 26.653)

Have a look what the booklet for
CIELCh(72, 23.832, 26.653) contains.

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Color

CIELCh(72, 23.832, 26.653)

Conversions

Conversions Part 1

Format	Color
Hex	DDA29E
RGB	221, 162, 158
RGB Percent	87%, 64%, 62%
CMY	0.1335, 0.3648, 0.3805
CMYK	0.00, 0.27, 0.29, 0.13
HSL	4°, 48%, 74%
HSV	4°, 29%, 87%
XYZ	48.8870, 43.6590, 38.1800
YIQ	179.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

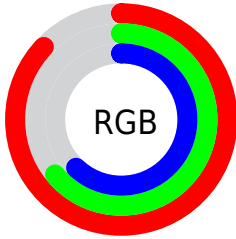
Format	Color
R _Y B	221, 162, 158
Decimal	14525086
CIE Lab	72.00, 21.30, 10.69
CIE LCh	72, 23.832, 26.653
Yxy	43.6590, 0.3740, 0.3340
Android (android.graphics.Color)	4292715166 (0xFFDDA29E)
YUV	179.1850, -10.4442, 36.6718
Hunter-Lab	66.0750, 16.4359, 11.9930

Details

The CIELCh color **72, 23.832, 26.653** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 19.504, 204.367**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.328, 28.634**, and **52, 23.960, 26.303** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.473, 27.675**, and if you desaturate by 10%, it is **78, 14.856, 25.899**.

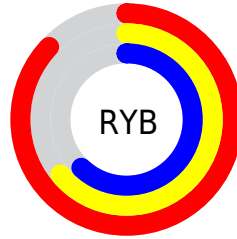
Distribution



Red (87%)

Green (64%)

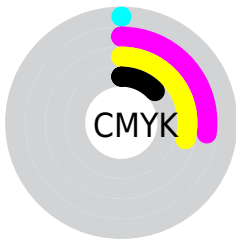
Blue (62%)



Red (87%)

Yellow (64%)

Blue (62%)

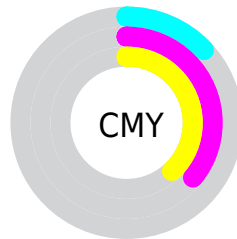


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 23.832, 26.653 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, 23.832, 26.653 by changing the saturation by 10% instead.

72, 23.832, 26.653

72, 23.832, 26.653

100, 23.832,
26.653

62, 23.832, 26.653

92, 23.832, 26.653

52, 23.832, 26.653

42, 23.832, 26.653

32, 23.832, 26.653

22, 23.832, 26.653

12, 23.832, 26.653

2, 23.832, 26.653

0, 23.832, 26.653

72, 23.832, 26.653

72, 23.832, 26.653

67, 33.473, 27.675

78, 14.856, 25.899

62, 43.718, 29.030

83, 6.556, 25.306

57, 54.417, 30.805

89, 1.101, 205.550

53, 65.306, 33.049

95, 8.169, 204.801

50, 75.940, 35.694

98, 11.492,
198.738

48, 85.436, 38.351

47, 92.156, 40.233

47, 93.011, 40.553

Harmonies

Complementary

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



72, 23.832, 26.653



83, 19.504, 204.367

Rectangle

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



72, 23.832, 26.653



72, 23.832, 76.653



72, 23.832, 206.653



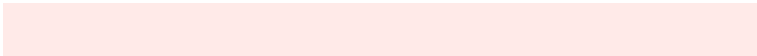
72, 23.832, 256.653

Sweetspot

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



72, 23.830, 26.659



94, 7.806, 25.337



73, 39.210, 327.405



49, 5.457, 25.420



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, 23.830, 26.659



79, 32.658, 27.208



79, 21.734, 76.938



43, 4.363, 25.358



36, 77.364, 40.686



6, 22.847, 23.456

Inverse Universe

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



83, 19.504, 204.367



93, 25.516, 204.305



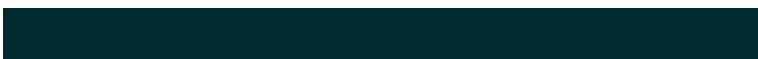
75, 20.582, 265.137



45, 4.105, 204.836



61, 34.590, 207.094



15, 14.064, 205.109

Previews

White Background



This preview shows how the CIELCh color 72, 23.832, 26.653 looks on a white background.

Color Contrast Check

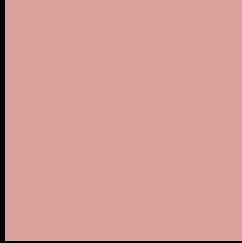
Large Text (above 18pt) WCAG AA × Fail

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, 23.832, 26.653 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, 23.832, 26.653

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.832, 26.653.

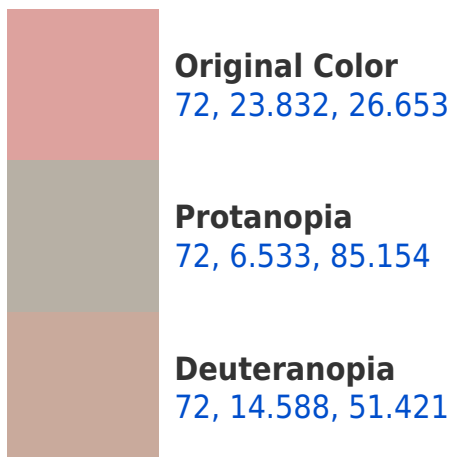



This preview shows how white text looks on a background with the CIELCh color 72, 23.832, 26.653.

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, 24.899, 6.794

Trichromacy



Original Color
72, 23.832, 26.653

Protanomaly
72, 11.353, 45.483

Deuteranomaly
72, 17.354, 38.767

Tritanomaly
72, 24.184, 14.030

Monochromacy



Original Color
72, 23.832, 26.653

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 8.154, 27.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.832, 26.653 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(221, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(221, 162, 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(221, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 162, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.832, 26.653 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(221, 162, 158) }
```

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

```
.border{ border-color:rgb(221, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(221, 162,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.832, 26.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 162, 158) }
```

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

```
.background{ background-color: rgb(221,  
162, 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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