

Converting Colors

CIELCh(72, 23.779, 12.553)

Have a look what the booklet for
CIELCh(72, 23.779, 12.553) contains.

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Color

CIELCh(72, 23.807, 12.569)

Conversions

Conversions Part 1

Format	Color
Hex	DDA1A8
RGB	221, 161, 168
RGB Percent	87%, 63%, 66%
CMY	0.1336, 0.3688, 0.3414
CMYK	0.00, 0.27, 0.24, 0.13
HSL	353°, 47%, 75%
HSV	353°, 27%, 87%
XYZ	49.5995, 43.6590, 42.8320
YIQ	179.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

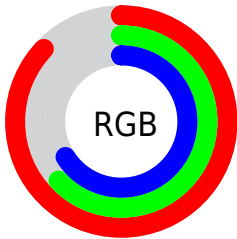
Format	Color
R _Y B	221, 161, 168
Decimal	14524840
CIE Lab	72.00, 23.24, 5.18
CIE LCh	72, 23.807, 12.569
Yxy	43.6590, 0.3645, 0.3208
Android (android.graphics.Color)	4292714920 (0xFFDDA1A8)
YUV	179.7380, -5.7868, 36.1868
Hunter-Lab	66.0750, 18.3607, 7.8187

Details

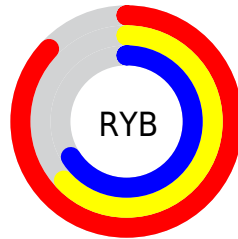
The CIELCh color **72, 23.807, 12.569** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 20.647, 187.625**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.739, 6.287**, and **52, 23.867, 12.807** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.453, 14.073**, and if you desaturate by 10%, it is **78, 14.593, 11.356**.

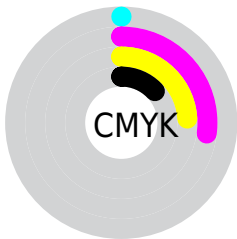
Distribution



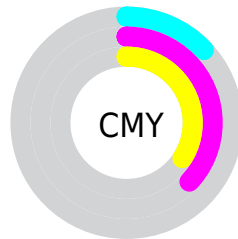
- Red (87%)
- Green (63%)
- Blue (66%)



- Red (87%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 23.807, 12.569 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, 23.807, 12.569 by changing the saturation by 10% instead.

72, 23.807, 12.569

72, 23.807, 12.569

100, 23.807,
12.569

62, 23.807, 12.569

92, 23.807, 12.569

52, 23.807, 12.569

42, 23.807, 12.569

32, 23.807, 12.569

22, 23.807, 12.569

12, 23.807, 12.569

2, 23.807, 12.569

0, 23.807, 12.569

72, 23.807, 12.569

72, 23.807, 12.569

66, 33.453, 14.073

78, 14.593, 11.356

61, 43.381, 15.958

84, 5.896, 10.313

57, 53.332, 18.354

90, 2.268, 189.841

53, 62.974, 21.398

96, 9.914, 188.951

50, 71.965, 25.188

98, 11.497,
198.738

48, 80.032, 29.662

46, 86.890, 34.361

46, 88.653, 35.517

Harmonies

Complementary

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



72, 23.807, 12.569



84, 20.647, 187.625

Rectangle

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



72, 23.807, 12.569



72, 23.807, 62.569



72, 23.807, 192.569



72, 23.807, 242.569

Sweetspot

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



72, 23.805, 12.574



95, 7.429, 10.406



73, 37.457, 322.532



50, 5.305, 10.560



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, 23.805, 12.574



78, 33.050, 13.451



77, 19.376, 59.270



43, 4.685, 10.545



36, 73.326, 34.727



5, 23.724, 15.232

Inverse Universe

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



72, 23.805, 12.574



78, 33.050, 13.451



78, 17.027, 245.393



43, 4.685, 10.545



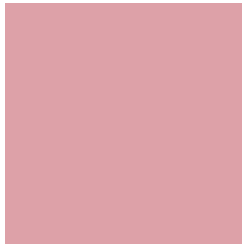
36, 73.326, 34.727



5, 23.724, 15.232

Previews

White Background



This preview shows how the CIELCh color 72, 23.807, 12.569 looks on a white background.

Color Contrast Check

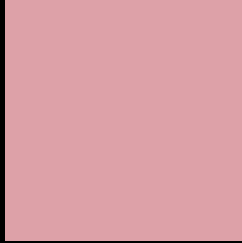
Large Text (above 18pt) WCAG AA × Fail

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, 23.807, 12.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

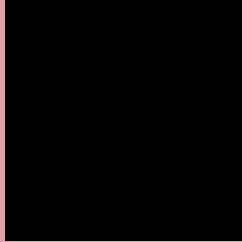
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 23.807, 12.569

Background



This preview shows how black text looks on a background with the CIELCh color 72, 23.807, 12.569.

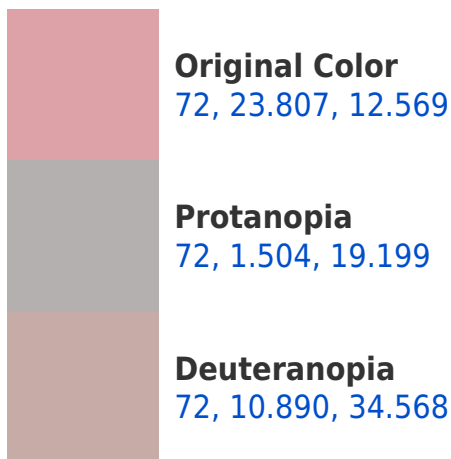


This preview shows how white text looks on a background with the CIELCh color 72, 23.807, 12.569.

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, 24.611, 5.277

Trichromacy



Original Color
72, 23.807, 12.569

Protanomaly
72, 9.269, 13.471

Deuteranomaly
72, 15.261, 20.728

Tritanomaly
72, 24.435, 7.748

Monochromacy



Original Color
72, 23.807, 12.569

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.546, 9.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 23.807, 12.569 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, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(221, 161, 168)  
}
```

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, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 161, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 23.807, 12.569 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, 161, 168) }
```

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

```
.border{ border-color:rgb(221, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(221, 161,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 23.807, 12.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 161, 168) }
```

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

```
.background{ background-color: rgb(221,  
161, 168) }
```

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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