

Converting Colors

CIELCh(72, 16.949, 22.656)

Have a look what the booklet for
CIELCh(72, 16.949, 22.656) contains.

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Color

CIELCh(72, 16.941, 22.696)

Conversions

Conversions Part 1

Format	Color
Hex	D1A6A5
RGB	209, 166, 165
RGB Percent	82%, 65%, 65%
CMY	0.1795, 0.3482, 0.3521
CMYK	0.00, 0.21, 0.21, 0.18
HSL	1°, 32%, 73%
HSV	1°, 21%, 82%
XYZ	46.8404, 43.6590, 41.6542
YIQ	178.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

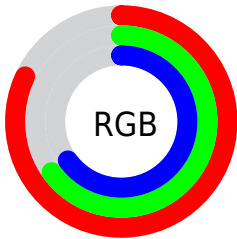
Format	Color
R _Y B	209, 166, 165
Decimal	13739685
CIE Lab	72.00, 15.63, 6.54
CIE LCh	72, 16.941, 22.696
Yxy	43.6590, 0.3544, 0.3304
Android (android.graphics.Color)	4291929765 (0xFFD1A6A5)
YUV	178.7430, -6.7753, 26.5354
Hunter-Lab	66.0750, 10.9069, 8.8756

Details

The CIELCh color **72, 16.941, 22.696** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 14.722, 200.466**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.544, 22.600**, and **52, 17.010, 23.293** is the 20% darker color. If you saturate the color by 10%, you get **67, 25.981, 23.707**, and if you desaturate by 10%, it is **78, 8.539, 21.916**.

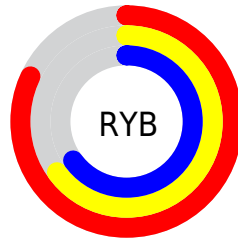
Distribution



Red (82%)

Green (65%)

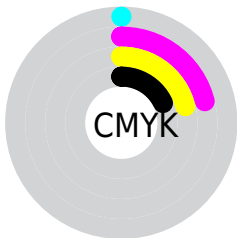
Blue (65%)



Red (82%)

Yellow (65%)

Blue (65%)

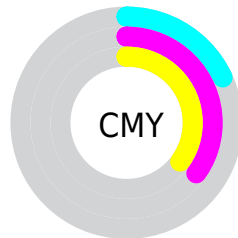


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 16.941, 22.696 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, 16.941, 22.696 by changing the saturation by 10% instead.

72, 16.941, 22.696

72, 16.941, 22.696

100, 16.941,
22.696

62, 16.941, 22.696

92, 16.941, 22.696

52, 16.941, 22.696

42, 16.941, 22.696

32, 16.941, 22.696

22, 16.941, 22.696

12, 16.941, 22.696

2, 16.941, 22.696

0, 16.941, 22.696

72, 16.941, 22.696

72, 16.941, 22.696

67, 25.981, 23.707

78, 8.539, 21.916

61, 35.625, 25.023

83, 0.771, 20.666

57, 45.754, 26.746

89, 6.406, 201.058

53, 56.159, 28.975

95, 13.046,
200.674

49, 66.519, 31.758

97, 15.245,
198.491

46, 76.339, 34.975

45, 84.634, 38.072

44, 89.776, 40.206

Harmonies

Complementary

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



72, 16.941, 22.696



81, 14.722, 200.466

Rectangle

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



72, 16.941, 22.696



72, 16.941, 72.696



72, 16.941, 202.696



72, 16.941, 252.696

Sweetspot

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



72, 16.939, 22.703



96, 5.345, 21.555



73, 28.332, 326.036



51, 3.554, 21.605



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, 16.939, 22.703



83, 24.036, 23.098



77, 14.792, 74.554



41, 4.360, 21.800



35, 76.140, 40.151



4, 19.739, 20.578

Inverse Universe

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



81, 14.722, 200.466



96, 20.246, 200.302



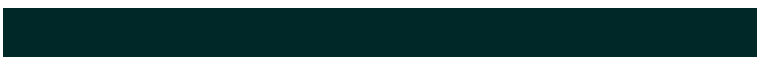
75, 14.072, 260.284



43, 4.107, 200.996



61, 35.565, 199.993



14, 13.681, 199.274

Previews

White Background



This preview shows how the CIELCh color 72, 16.941, 22.696 looks on a white background.

Color Contrast Check

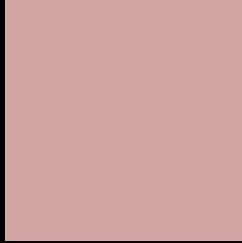
Large Text (above 18pt) WCAG AA × Fail

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, 16.941, 22.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

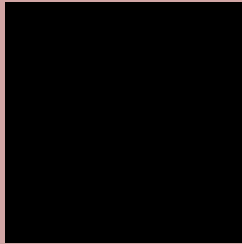
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 16.941, 22.696

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.941, 22.696.



This preview shows how white text looks on a background with the CIELCh color 72, 16.941, 22.696.

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, 16.941, 22.696

Protanomaly
72, 7.501, 32.442

Deuteranomaly
72, 13.267, 32.174

Tritanomaly
72, 17.912, 7.121

Monochromacy



Original Color
72, 16.941, 22.696

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 6.098, 19.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.941, 22.696 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, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 166, 165)  
}
```

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, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 166, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.941, 22.696 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, 166, 165) }
```

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

```
.border{ border-color:rgb(209, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 166,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.941, 22.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 166, 165) }
```

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

```
.background{ background-color: rgb(209,  
166, 165) }
```

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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