

Converting Colors

CIELCh(72, 22.026, 63.365)

Have a look what the booklet for
CIELCh(72, 22.026, 63.365) contains.

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Color

CIELCh(72, 22.026, 63.365)

Conversions

Conversions Part 1

Format	Color
Hex	CFA98D
RGB	207, 169, 141
RGB Percent	81%, 66%, 55%
CMY	0.1875, 0.3366, 0.4464
CMYK	0.00, 0.18, 0.32, 0.19
HSL	25°, 41%, 68%
HSV	25°, 32%, 81%
XYZ	44.8225, 43.6590, 31.3287
YIQ	177.1700, 31.6360, -0.6520

Conversions

Conversions Part 2

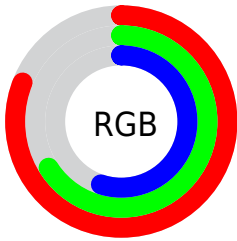
Format	Color
R _Y B	207, 190, 141
Decimal	13609357
CIE Lab	72.00, 9.87, 19.69
CIE LCh	72, 22.026, 63.365
Yxy	43.6590, 0.3741, 0.3644
Android (android.graphics.Color)	4291799437 (0xFFCFA98D)
YUV	177.1700, -17.8318, 26.1609
Hunter-Lab	66.0750, 5.4556, 18.1408

Details

The CIELCh color **72, 22.026, 63.365** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 19.310, 251.500**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.204, 70.700**, and **52, 22.052, 62.818** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.835, 62.343**, and if you desaturate by 10%, it is **75, 14.661, 64.422**.

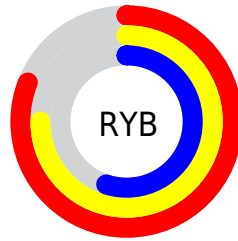
Distribution



Red (81%)

Green (66%)

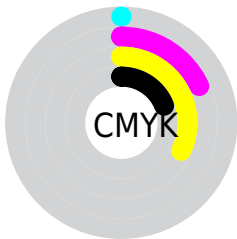
Blue (55%)



Red (81%)

Yellow (75%)

Blue (55%)

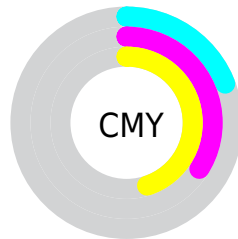


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 22.026, 63.365 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, 22.026, 63.365 by changing the saturation by 10% instead.

 72, 22.026, 63.365

 72, 22.026, 63.365

 100, 22.026,
63.365

 62, 22.026, 63.365

 92, 22.026, 63.365

 52, 22.026, 63.365

 42, 22.026, 63.365

 32, 22.026, 63.365

 22, 22.026, 63.365

 12, 22.026, 63.365

 2, 22.026, 63.365

 0, 22.026, 63.365

 72, 22.026, 63.365

 72, 22.026, 63.365

69, 29.835, 62.343

75, 14.661, 64.422

65, 38.078, 61.338

79, 7.721, 65.471

62, 46.678, 60.343

83, 1.173, 66.234

59, 55.427, 59.299

86, 5.022, 247.767

57, 63.861, 58.060

90, 10.904,
248.776

54, 71.087, 56.315

93, 13.160,
232.969

52, 75.722, 54.486

96, 15.121,
203.058

97, 15.883,
198.450

Harmonies

Complementary

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



72, 22.026, 63.365



71, 19.310, 251.500

Rectangle

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



72, 22.026, 63.365



72, 22.026, 113.365



72, 22.026, 243.365



72, 22.026, 293.365

Sweetspot

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



72, 22.026, 63.372



96, 7.664, 65.649



66, 32.386, 342.117



51, 5.251, 65.504



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, 22.026, 63.372



84, 31.723, 62.690



80, 31.819, 103.270



42, 3.694, 65.720



43, 64.589, 55.075



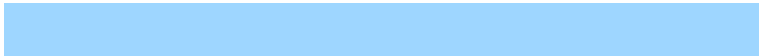
8, 15.915, 49.418

Inverse Universe

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



71, 19.310, 251.500



83, 26.952, 252.870



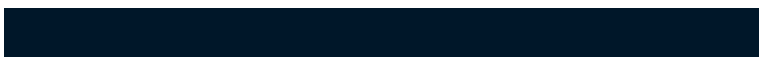
62, 33.927, 290.800



42, 3.573, 247.982



40, 45.079, 275.198



7, 14.610, 263.729

Previews

White Background



This preview shows how the CIELCh color 72, 22.026, 63.365 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, 22.026, 63.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

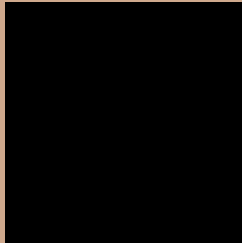
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 22.026, 63.365

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.026, 63.365.



This preview shows how white text looks on a background with the CIELCh color 72, 22.026, 63.365.

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



Original Color

72, 22.026, 63.365

Protanopia

72, 17.354, 93.712

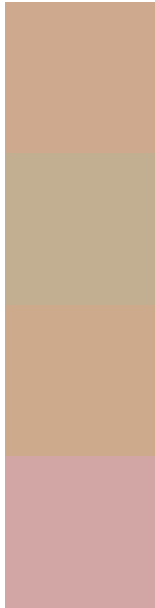
Deuteranopia

72, 21.804, 65.787



Tritanopia
72, 19.316, 359.915

Trichromacy



Original Color
72, 22.026, 63.365

Protanomaly
72, 18.217, 82.081

Deuteranomaly
72, 21.804, 65.787

Tritanomaly
72, 17.415, 24.446

Monochromacy



Original Color
72, 22.026, 63.365

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.677, 64.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.026, 63.365 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(207, 169, 141)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 141)  
}
```

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(207, 169, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.026, 63.365 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(207, 169, 141) }
```

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

```
.border{ border-color:rgb(207, 169, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 141);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.026, 63.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 141) }
```

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

```
.background{ background-color: rgb(207,  
169, 141) }
```

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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