

Converting Colors

CIE LCh(70, 16.185, 24.306)

Have a look what the booklet for
CIELCh(70, 16.185, 24.306) contains.

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Color

CIELCh(70, 16.238, 22.756)

Conversions

Conversions Part 1

Format	Color
Hex	CAA1A0
RGB	202, 161, 160
RGB Percent	79%, 63%, 63%
CMY	0.2066, 0.3674, 0.3713
CMYK	0.00, 0.20, 0.21, 0.21
HSL	1°, 29%, 71%
HSV	1°, 21%, 79%
XYZ	43.6169, 40.7494, 38.9662
YIQ	173.1450, 24.7570, 8.3810

Conversions

Conversions Part 2

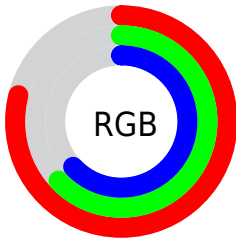
Format	Color
R _{YB}	202, 161, 160
Decimal	13279648
CIE Lab	70.00, 14.97, 6.28
CIE LCh	70, 16.238, 22.756
Yxy	40.7494, 0.3537, 0.3304
Android (android.graphics.Color)	4291469728 (0xFFCAA1A0)
YUV	173.1450, -6.4805, 25.3058
Hunter-Lab	63.8353, 10.2524, 8.4930

Details

The CIELCh color **70, 16.238, 22.756** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 14.143, 200.583**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.500, 22.453**, and **50, 16.216, 21.353** is the 20% darker color. If you saturate the color by 10%, you get **65, 25.007, 23.752**, and if you desaturate by 10%, it is **75, 8.089, 21.987**.

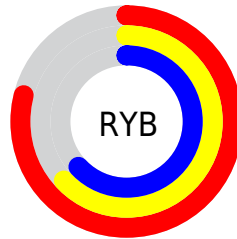
Distribution



Red (79%)

Green (63%)

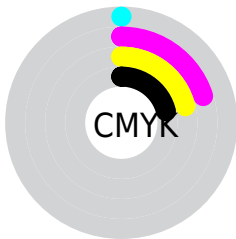
Blue (63%)



Red (79%)

Yellow (63%)

Blue (63%)

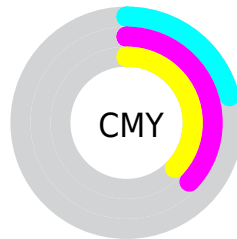


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 16.238, 22.756 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 70, 16.238, 22.756 by changing the saturation by 10% instead.

■ 70, 16.238, 22.756

■ 70, 16.238, 22.756

■ 100, 16.238,
22.756

■ 60, 16.238, 22.756

■ 90, 16.238, 22.756

■ 50, 16.238, 22.756

■ 40, 16.238, 22.756

■ 30, 16.238, 22.756

■ 20, 16.238, 22.756

■ 10, 16.238, 22.756

■ 0, 16.238, 22.756

■ 70, 16.238, 22.756

■ 70, 16.238, 22.756

■ 65, 25.007, 23.752

■ 75, 8.089, 21.987

60, 34.366, 25.046

81, 0.554, 20.483

55, 44.203, 26.742

87, 6.408, 201.146

51, 54.321, 28.935

92, 12.851,
200.769

48, 64.415, 31.679

97, 17.388,
198.353

45, 74.014, 34.863

43, 82.198, 37.966

42, 87.525, 40.225

Harmonies

Complementary

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



70, 16.238, 22.756



78, 14.143, 200.583

Rectangle

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



70, 16.238, 22.756



70, 16.238, 72.756



70, 16.238, 202.756



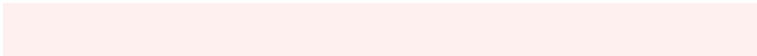
70, 16.238, 252.756

Sweetspot

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



70, 16.236, 22.763



96, 5.339, 21.648



71, 27.217, 326.019



51, 3.551, 21.699



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 16.236, 22.763



83, 24.012, 23.183



75, 14.200, 74.594



40, 4.267, 21.890



34, 75.224, 40.133



4, 17.656, 20.602

Inverse Universe

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



78, 14.143, 200.583



96, 20.223, 200.409



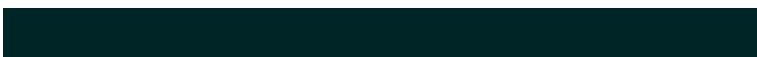
73, 13.521, 260.230



42, 4.020, 201.097



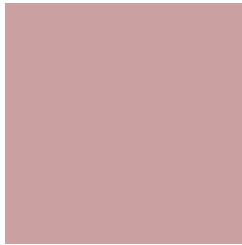
60, 35.116, 200.168



13, 13.160, 199.365

Previews

White Background



This preview shows how the CIELCh color 70, 16.238, 22.756 looks on a white background.

Color Contrast Check

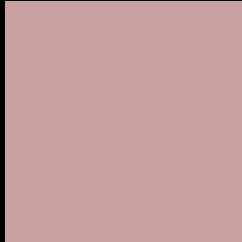
Large Text (above 18pt) WCAG AA × Fail

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 70, 16.238, 22.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

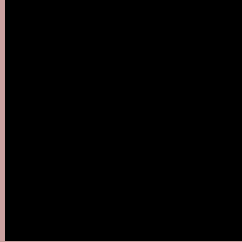
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.238, 22.756

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.238, 22.756.



This preview shows how white text looks on a background with the CIELCh color 70, 16.238, 22.756.

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

70, 16.238, 22.756

Protanopia

70, 3.775, 79.327

Deuteranopia

70, 10.974, 34.576



Tritanopia
70, 18.144, 0.098

Trichromacy



Original Color
70, 16.238, 22.756

Protanomaly
70, 7.700, 36.367

Deuteranomaly
70, 12.821, 30.194

Tritanomaly
70, 17.246, 6.456

Monochromacy



Original Color
70, 16.238, 22.756

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 5.780, 25.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.238, 22.756 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(202, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(202, 161, 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(202, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 161, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.238, 22.756 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(202, 161, 160) }
```

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

```
.border{ border-color:rgb(202, 161, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 161, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(202, 161,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.238, 22.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 161, 160) }
```

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

```
.background{ background-color: rgb(202,  
161, 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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