

Converting Colors

CIELCh(70, 26.665, 72.068)

Have a look what the booklet for
CIELCh(70, 26.665, 72.068) contains.

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Color

CIELCh(70, 26.630, 72.084)

Conversions

Conversions Part 1

Format	Color
Hex	CAA57E
RGB	202, 165, 126
RGB Percent	79%, 65%, 49%
CMY	0.2096, 0.3546, 0.5075
CMYK	0.00, 0.18, 0.38, 0.21
HSL	31°, 42%, 64%
HSV	31°, 38%, 79%
XYZ	41.3561, 40.7494, 25.2883
YIQ	171.6170, 34.5710, -4.2850

Conversions

Conversions Part 2

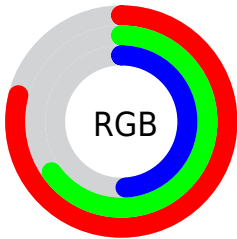
Format	Color
R_{YB}	198, 202, 126
Decimal	13280638
CIE _{Lab}	70.00, 8.19, 25.34
CIE _{LCh}	70, 26.630, 72.084
Yxy	40.7494, 0.3851, 0.3794
Android (android.graphics.Color)	4291470718 (0xFFCAA57E)
YUV	171.6170, -22.4892, 26.6459
Hunter-Lab	63.8353, 3.9305, 21.1970

Details

The CIELCh color $70, 26.630, 72.084$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $66, 24.156, 263.209$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.434, 75.694$, and $50, 26.235, 71.835$ is the 20% darker color. If you saturate the color by 10%, you get $67, 34.432, 70.792$, and if you desaturate by 10%, it is $73, 19.129, 73.370$.

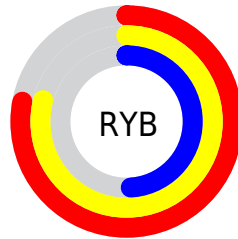
Distribution



Red (79%)

Green (65%)

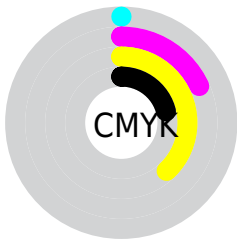
Blue (49%)



Red (78%)

Yellow (79%)

Blue (49%)

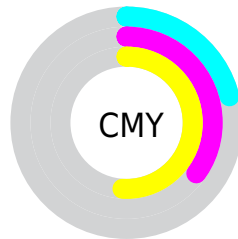


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 26.630, 72.084 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, 26.630, 72.084 by changing the saturation by 10% instead.

70, 26.630, 72.084

70, 26.630, 72.084

100, 26.630,
72.084

60, 26.630, 72.084

90, 26.630, 72.084

50, 26.630, 72.084

40, 26.630, 72.084

30, 26.630, 72.084

20, 26.630, 72.084

10, 26.630, 72.084

0, 26.630, 72.084

70, 26.630, 72.084

70, 26.630, 72.084

67, 34.432, 70.792

73, 19.129, 73.370

64, 42.465, 69.466

76, 11.948, 74.628

62, 50.554, 68.072

79, 5.076, 75.835

59, 58.328, 66.513

82, 1.507, 257.364

57, 65.101, 64.590

85, 7.829, 258.357

55, 70.028, 62.032

88, 13.915,
259.483

54, 71.105, 61.456

91, 15.115,
247.452

93, 14.819,
223.304

96, 16.925,
202.099

Harmonies

Complementary

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



70, 26.630, 72.084



66, 24.156, 263.209

Rectangle

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



70, 26.630, 72.084



70, 26.630, 122.084



70, 26.630, 252.084



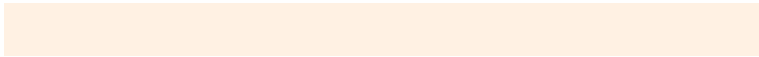
70, 26.630, 302.084

Sweetspot

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



70, 26.630, 72.090



96, 8.864, 75.427



62, 35.567, 347.328



51, 5.974, 75.261



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, 26.630, 72.090



84, 39.159, 71.062



80, 39.585, 106.565



41, 3.799, 75.635



45, 61.331, 62.027



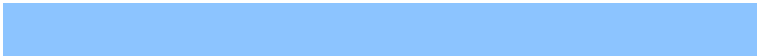
8, 14.355, 59.574

Inverse Universe

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



66, 24.156, 263.209



77, 34.730, 265.149



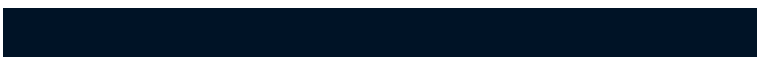
56, 43.560, 295.119



41, 3.724, 258.131



35, 53.280, 284.958



5, 15.397, 272.339

Previews

White Background



This preview shows how the CIELCh color 70, 26.630, 72.084 looks on a white background.

Color Contrast Check

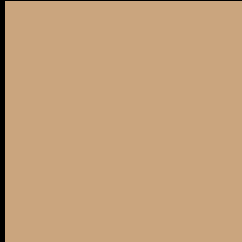
Large Text (above 18pt) WCAG AA × Fail

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, 26.630, 72.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

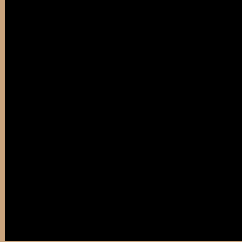
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.630, 72.084

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.630, 72.084.

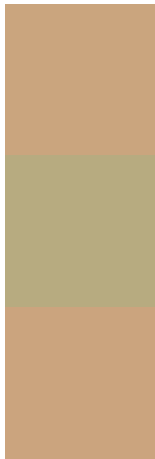


This preview shows how white text looks on a background with the CIELCh color 70, 26.630, 72.084.

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, 26.630, 72.084

Protanopia

70, 23.866, 95.757

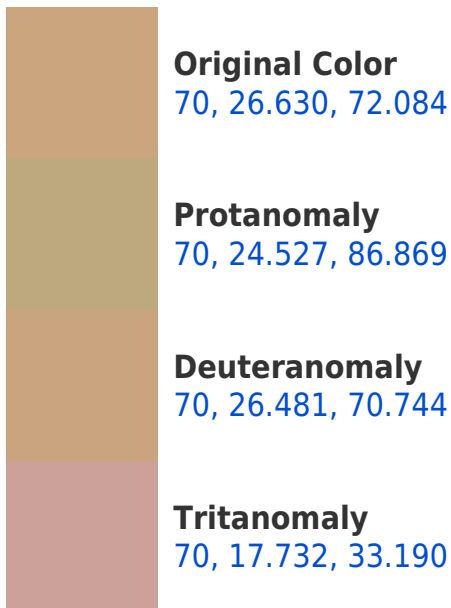
Deuteranopia

70, 26.757, 70.038



Tritanopia
70, 19.268, 1.512

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.630, 72.084 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, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 126)  
}
```

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, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.630, 72.084 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, 165, 126) }
```

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

```
.border{ border-color:rgb(202, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.630, 72.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 126) }
```

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

```
.background{ background-color: rgb(202,  
165, 126) }
```

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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