

Converting Colors

CIELCh(70, 28.632, 67.343)

Have a look what the booklet for
CIELCh(70, 28.632, 67.343) contains.

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Color

CIELCh(70, 28.671, 67.321)

Conversions

Conversions Part 1

Format	Color
Hex	CFA37C
RGB	207, 163, 124
RGB Percent	81%, 64%, 49%
CMY	0.1895, 0.3620, 0.5149
CMYK	0.00, 0.21, 0.40, 0.19
HSL	28°, 46%, 65%
HSV	28°, 40%, 81%
XYZ	42.3005, 40.7494, 24.6062
YIQ	171.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

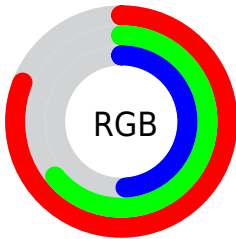
Format	Color
R_{YB}	207, 198, 124
Decimal	13607804
CIE _{Lab}	70.00, 11.05, 26.45
CIE _{LCh}	70, 28.671, 67.321
Yxy	40.7494, 0.3929, 0.3785
Android (android.graphics.Color)	4291797884 (0xFFCFA37C)
YUV	171.7100, -23.5210, 30.9493
Hunter-Lab	63.8353, 6.5716, 21.8305

Details

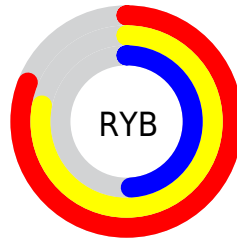
The CIELCh color **70, 28.671, 67.321** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 25.004, 258.884**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 25.942, 74.203**, and **50, 28.512, 66.630** is the 20% darker color. If you saturate the color by 10%, you get **67, 36.742, 66.142**, and if you desaturate by 10%, it is **73, 20.967, 68.512**.

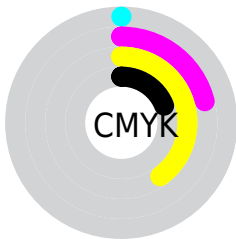
Distribution



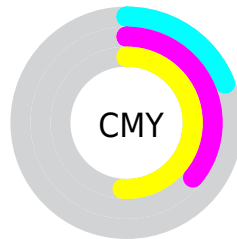
- Red (81%)
- Green (64%)
- Blue (49%)



- Red (81%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (19%)



- Cyan (19%)
- Magenta (36%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 28.671, 67.321 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, 28.671, 67.321 by changing the saturation by 10% instead.

 70, 28.671, 67.321

 70, 28.671, 67.321

 100, 28.671,
67.321

 60, 28.671, 67.321

 90, 28.671, 67.321

 50, 28.671, 67.321

 40, 28.671, 67.321

 30, 28.671, 67.321

 20, 28.671, 67.321

 10, 28.671, 67.321

 0, 28.671, 67.321

 70, 28.671, 67.321

 70, 28.671, 67.321

 67, 36.742, 66.142

 73, 20.967, 68.512

64, 45.105, 64.942

76, 13.646, 69.694

61, 53.562, 63.678

80, 6.695, 70.850

59, 61.685, 62.225

83, 0.086, 67.392

56, 68.671, 60.324

86, 6.216, 253.298

54, 73.854, 57.877

90, 12.241,
254.388

93, 13.318,
236.328

96, 14.616,
208.046

97, 16.044,
198.439

Harmonies

Complementary

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



70, 28.671, 67.321



67, 25.004, 258.884

Rectangle

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



70, 28.671, 67.321



70, 28.671, 117.321



70, 28.671, 247.321



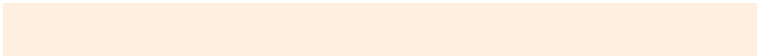
70, 28.671, 297.321

Sweetspot

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



70, 28.671, 67.327



95, 9.443, 70.624



62, 39.376, 345.716



50, 6.285, 70.472



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, 28.671, 67.327



82, 41.550, 66.327



81, 41.648, 104.837



42, 3.774, 70.931



44, 63.166, 58.471



8, 15.736, 54.914

Inverse Universe

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



67, 25.004, 258.884



77, 35.084, 261.036



56, 45.900, 294.320



42, 3.675, 253.349



38, 49.465, 280.607



6, 15.558, 269.071

Previews

White Background



This preview shows how the CIELCh color 70, 28.671, 67.321 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, 28.671, 67.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

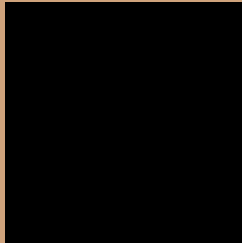
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.671, 67.321

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.671, 67.321.



This preview shows how white text looks on a background with the CIELCh color 70, 28.671, 67.321.

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
70, 21.934, 4.313

Trichromacy



Original Color
70, 28.671, 67.321

Protanomaly
70, 25.064, 84.153

Deuteranomaly
70, 28.380, 71.106

Tritanomaly
70, 20.480, 30.264

Monochromacy



Original Color
70, 28.671, 67.321

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.930, 69.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.671, 67.321 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, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(207, 163, 124)  
}
```

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, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 163, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.671, 67.321 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, 163, 124) }
```

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

```
.border{ border-color:rgb(207, 163, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 163, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(207, 163,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.671, 67.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 163, 124) }
```

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

```
.background{ background-color: rgb(207,  
163, 124) }
```

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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