

Converting Colors

CIELCh(70, 27.159, 72.468)

Have a look what the booklet for
CIELCh(70, 27.159, 72.468) contains.

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Color

CIELCh(70, 27.087, 72.658)

Conversions

Conversions Part 1

Format	Color
Hex	CAA57D
RGB	202, 165, 125
RGB Percent	79%, 65%, 49%
CMY	0.2094, 0.3544, 0.5112
CMYK	0.00, 0.18, 0.38, 0.21
HSL	31°, 42%, 64%
HSV	31°, 38%, 79%
XYZ	41.3174, 40.7494, 24.9706
YIQ	171.5030, 34.8920, -4.5960

Conversions

Conversions Part 2

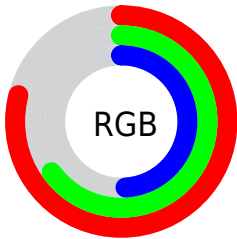
Format	Color
R _Y B	196, 202, 125
Decimal	13280637
CIE Lab	70.00, 8.07, 25.86
CIE LCh	70, 27.087, 72.658
Yxy	40.7494, 0.3860, 0.3807
Android (android.graphics.Color)	4291470717 (0xFFCAA57D)
YUV	171.5030, -22.9260, 26.7459
Hunter-Lab	63.8353, 3.8225, 21.4921

Details

The CIELCh color $70, 27.087, 72.658$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $65, 24.642, 264.003$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.882, 76.234$, and $50, 26.722, 72.418$ is the 20% darker color. If you saturate the color by 10%, you get $67, 34.904, 71.352$, and if you desaturate by 10%, it is $73, 19.560, 73.955$.

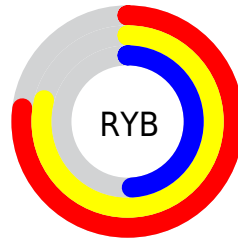
Distribution



Red (79%)

Green (65%)

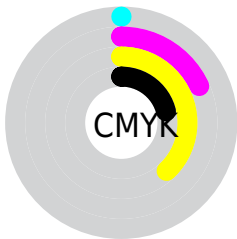
Blue (49%)



Red (77%)

Yellow (79%)

Blue (49%)

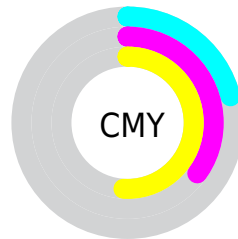


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 27.087, 72.658 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, 27.087, 72.658 by changing the saturation by 10% instead.

70, 27.087, 72.658

70, 27.087, 72.658

100, 27.087,
72.658

60, 27.087, 72.658

90, 27.087, 72.658

50, 27.087, 72.658

40, 27.087, 72.658

30, 27.087, 72.658

20, 27.087, 72.658

10, 27.087, 72.658

0, 27.087, 72.658

70, 27.087, 72.658

70, 27.087, 72.658

67, 34.904, 71.352

73, 19.560, 73.955

65, 42.934, 70.008

76, 12.343, 75.224

62, 50.992, 68.590

79, 5.430, 76.443

60, 58.691, 67.000

82, 1.198, 258.031

57, 65.324, 65.033

85, 7.568, 258.974

55, 70.107, 62.444

88, 13.705,
260.104

55, 70.947, 61.990

91, 15.245,
249.430

93, 14.720,
225.655

96, 16.583,
204.129

Harmonies

Complementary

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



70, 27.087, 72.658



65, 24.642, 264.003

Rectangle

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



70, 27.087, 72.658



70, 27.087, 122.658



70, 27.087, 252.658



70, 27.087, 302.658

Sweetspot

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



70, 27.087, 72.664



96, 8.902, 76.090



61, 35.695, 348.375



51, 6.000, 75.923



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, 27.087, 72.664



84, 40.207, 71.556



80, 40.090, 107.274



41, 3.815, 76.299



45, 61.190, 62.559



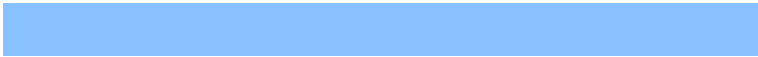
8, 14.362, 60.395

Inverse Universe

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



65, 24.642, 264.003



77, 35.755, 266.097



55, 44.182, 295.701



41, 3.744, 258.802



35, 53.946, 285.550



5, 15.517, 272.867

Previews

White Background



This preview shows how the CIELCh color 70, 27.087, 72.658 looks on a white background.

Color Contrast Check

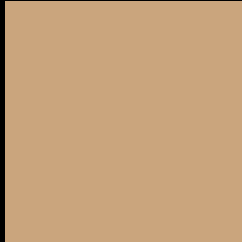
Large Text (above 18pt) WCAG AA × Fail

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, 27.087, 72.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

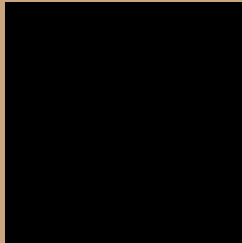
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.087, 72.658

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.087, 72.658.



This preview shows how white text looks on a background with the CIELCh color 70, 27.087, 72.658.

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, 27.087, 72.658

Protanopia

70, 24.485, 94.987

Deuteranopia

70, 27.205, 70.642



Tritanopia
70, 19.808, 0.453

Trichromacy



Original Color
70, 27.087, 72.658

Protanomaly
70, 25.036, 87.223

Deuteranomaly
70, 26.933, 71.345

Tritanomaly
70, 18.007, 31.308

Monochromacy



Original Color
70, 27.087, 72.658

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.660, 77.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.087, 72.658 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.087, 72.658 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, 125) }
```

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

```
.border{ border-color:rgb(202, 165, 125) }
```

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, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 125);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.087, 72.658 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, 125) }
```

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

```
.background{ background-color: rgb(202,  
165, 125) }
```

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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