

Converting Colors

CIELCh(70, 30.039, 71.893)

Have a look what the booklet for
CIELCh(70, 30.039, 71.893) contains.

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Color

CIELCh(70, 30.012, 72.034)

Conversions

Conversions Part 1

Format	Color
Hex	CDA478
RGB	205, 164, 120
RGB Percent	80%, 64%, 47%
CMY	0.1972, 0.3578, 0.5304
CMYK	0.00, 0.20, 0.42, 0.20
HSL	31°, 46%, 64%
HSV	31°, 42%, 80%
XYZ	41.7059, 40.7494, 23.3587
YIQ	171.2430, 38.5600, -4.9920

Conversions

Conversions Part 2

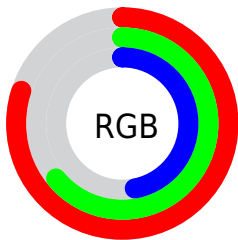
Format	Color
RYB	199, 205, 120
Decimal	13476984
CIELab	70.00, 9.26, 28.55
CIELCh	70, 30.012, 72.034
Yxy	40.7494, 0.3941, 0.3851
Android (android.graphics.Color)	4291667064 (0xFFCDA478)
YUV	171.2430, -25.2628, 29.6049
Hunter-Lab	63.8353, 4.9087, 22.9892

Details

The CIELCh color **70, 30.012, 72.034** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 27.017, 264.603**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.931, 77.484**, and **50, 29.880, 71.543** is the 20% darker color. If you saturate the color by 10%, you get **67, 38.014, 70.722**, and if you desaturate by 10%, it is **73, 22.289, 73.336**.

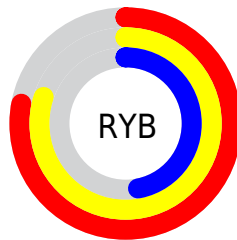
Distribution



Red (80%)

Green (64%)

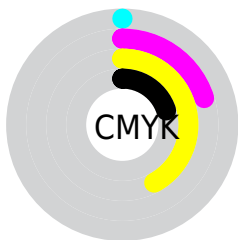
Blue (47%)



Red (78%)

Yellow (80%)

Blue (47%)

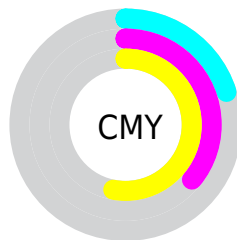


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 30.012, 72.034 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, 30.012, 72.034 by changing the saturation by 10% instead.

70, 30.012, 72.034

70, 30.012, 72.034

100, 30.012,
72.034

60, 30.012, 72.034

90, 30.012, 72.034

50, 30.012, 72.034

40, 30.012, 72.034

30, 30.012, 72.034

20, 30.012, 72.034

10, 30.012, 72.034

0, 30.012, 72.034

70, 30.012, 72.034

70, 30.012, 72.034

67, 38.014, 70.722

73, 22.289, 73.336

65, 46.188, 69.363

76, 14.880, 74.611

62, 54.291, 67.906

79, 7.786, 75.853

59, 61.834, 66.221

82, 0.990, 76.772

57, 67.980, 64.055

85, 5.534, 258.405

55, 71.830, 61.792

88, 11.812,
259.536

91, 14.548,
251.397

93, 13.900,
225.913

96, 15.864,
202.921

Harmonies

Complementary

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



70, 30.012, 72.034



65, 27.017, 264.603

Rectangle

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



70, 30.012, 72.034



70, 30.012, 122.034



70, 30.012, 252.034



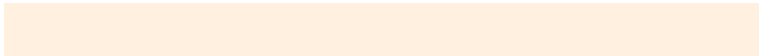
70, 30.012, 302.034

Sweetspot

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



70, 30.012, 72.040



96, 9.721, 75.774



61, 39.247, 348.816



50, 6.467, 75.612



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, 30.012, 72.040



82, 44.030, 70.837



81, 43.966, 106.973



41, 3.810, 76.105



45, 61.230, 62.403



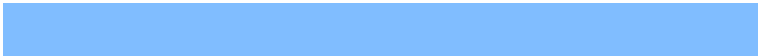
8, 14.360, 60.155

Inverse Universe

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



65, 27.017, 264.603



75, 38.676, 267.012



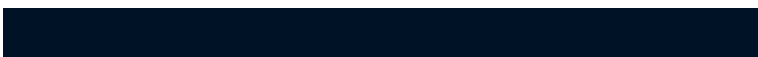
54, 48.989, 296.284



41, 3.738, 258.607



35, 53.751, 285.378



5, 15.482, 272.714

Previews

White Background



This preview shows how the CIELCh color 70, 30.012, 72.034 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, 30.012, 72.034 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, 30.012, 72.034

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.012, 72.034.



This preview shows how white text looks on a background with the CIELCh color 70, 30.012, 72.034.

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, 30.012, 72.034

Protanopia

70, 26.583, 95.708

Deuteranopia

70, 29.746, 72.688



Tritanopia
70, 21.556, 3.953

Trichromacy



Original Color
70, 30.012, 72.034

Protanomaly
70, 27.074, 85.632

Deuteranomaly
70, 29.746, 72.688

Tritanomaly
70, 20.384, 33.342

Monochromacy



Original Color
70, 30.012, 72.034

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.579, 75.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.012, 72.034 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(205, 164, 120)` looks like.

```
.text, #text, p{  
    color:rgb(205, 164, 120)  
}
```

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(205, 164, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 164, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.012, 72.034 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(205, 164, 120) }
```

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

```
.border{ border-color:rgb(205, 164, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 164, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 164, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 164, 120);  
box-shadow:4px 4px 4px 4px rgb(205, 164,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.012, 72.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 164, 120) }
```

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

```
.background{ background-color: rgb(205,  
164, 120) }
```

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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