

Converting Colors

CIELCh(70, 42.327, 77.362)

Have a look what the booklet for
CIELCh(70, 42.327, 77.362) contains.

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Color

CIELCh(70, 42.238, 76.960)

Conversions

Conversions Part 1

Format	Color
Hex	D2A360
RGB	210, 163, 96
RGB Percent	82%, 64%, 38%
CMY	0.1764, 0.3607, 0.6235
CMYK	0.00, 0.22, 0.54, 0.18
HSL	35°, 56%, 60%
HSV	35°, 54%, 82%
XYZ	41.7958, 40.7494, 16.7328
YIQ	169.4150, 49.5190, -10.8730

Conversions

Conversions Part 2

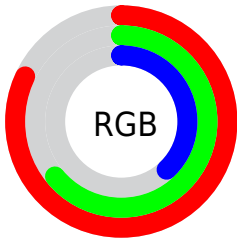
Format	Color
RYB	176, 210, 96
Decimal	13804384
CIELab	70.00, 9.53, 41.15
CIELCh	70, 42.238, 76.960
Yxy	40.7494, 0.4210, 0.4105
Android (android.graphics.Color)	4291994464 (0xFFD2A360)
YUV	169.4150, -36.1936, 35.5930
Hunter-Lab	63.8353, 5.1602, 29.1433

Details

The CIELCh color **70, 42.238, 76.960** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 39.421, 274.991**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 39.359, 84.528**, and **50, 42.217, 76.370** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.395, 75.464**, and if you desaturate by 10%, it is **72, 34.035, 78.395**.

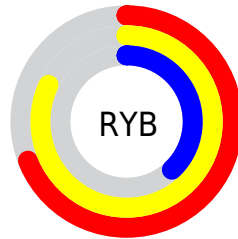
Distribution



Red (82%)

Green (64%)

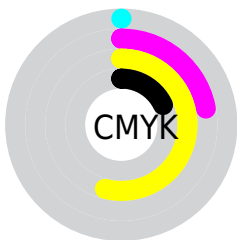
Blue (38%)



Red (69%)

Yellow (82%)

Blue (38%)

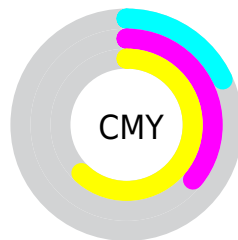


Cyan (0%)

Magenta (22%)

Yellow (54%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 42.238, 76.960 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, 42.238, 76.960 by changing the saturation by 10% instead.

70, 42.238, 76.960

70, 42.238, 76.960

100, 42.238,
76.960

60, 42.238, 76.960

90, 42.238, 76.960

50, 42.238, 76.960

40, 42.238, 76.960

30, 42.238, 76.960

20, 42.238, 76.960

10, 42.238, 76.960

0, 42.238, 76.960

70, 42.238, 76.960

70, 42.238, 76.960

68, 50.395, 75.464

72, 34.035, 78.395

65, 58.155, 73.829

75, 25.961, 79.782

63, 64.893, 71.923

78, 18.097, 81.132

61, 69.716, 69.506

80, 10.470, 82.440

60, 71.731, 67.943

83, 3.083, 83.651

86, 4.076, 265.067

89, 11.024,
266.212

91, 13.728,
258.489

93, 12.419,
234.745

Harmonies

Complementary

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



70, 42.238, 76.960



59, 39.421, 274.991

Rectangle

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



70, 42.238, 76.960



70, 42.238, 126.960



70, 42.238, 256.960



70, 42.238, 306.960

Sweetspot

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



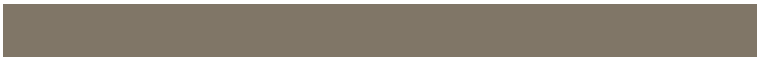
70, 42.238, 76.964



95, 13.774, 82.196



56, 50.117, 355.195



50, 9.332, 81.925



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, 42.238, 76.964



80, 59.678, 75.238



81, 57.632, 109.055



43, 4.111, 83.054



49, 60.756, 68.525



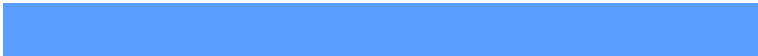
10, 16.012, 69.477

Inverse Universe

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



59, 39.421, 274.991



65, 55.442, 278.624



47, 67.069, 300.317



42, 4.072, 265.588



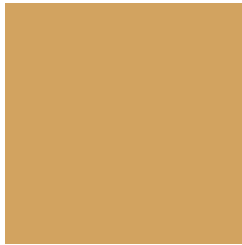
32, 62.160, 291.243



5, 18.101, 278.830

Previews

White Background



This preview shows how the CIELCh color 70, 42.238, 76.960 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, 42.238, 76.960 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, 42.238, 76.960

Background



This preview shows how black text looks on a background with the CIELCh color 70, 42.238, 76.960.



This preview shows how white text looks on a background with the CIELCh color 70, 42.238, 76.960.

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, 42.238, 76.960

Protanopia

70, 39.292, 95.401

Deuteranopia

70, 42.000, 77.471



Tritanopia
70, 24.655, 6.593

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 42.238, 76.960 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(210, 163, 96)` looks like.

```
.text, #text, p{  
    color:rgb(210, 163, 96)  
}
```

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(210, 163, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 163, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 42.238, 76.960 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(210, 163, 96) }
```

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

```
.border{ border-color:rgb(210, 163, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 163, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 163, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 163, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 163,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 42.238, 76.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 163, 96) }
```

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

```
.background{ background-color: rgb(210,  
163, 96) }
```

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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