

Converting Colors

CIELCh(71, 27.086, 75.914)

Have a look what the booklet for
CIELCh(71, 27.086, 75.914) contains.

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Color

CIELCh(71, 27.163, 76.000)

Conversions

Conversions Part 1

Format	Color
Hex	CAA87E
RGB	202, 168, 126
RGB Percent	79%, 66%, 49%
CMY	0.2069, 0.3403, 0.5050
CMYK	0.00, 0.17, 0.38, 0.21
HSL	33°, 42%, 64%
HSV	33°, 38%, 79%
XYZ	42.2431, 42.1875, 25.7269
YIQ	173.3780, 33.7460, -5.8540

Conversions

Conversions Part 2

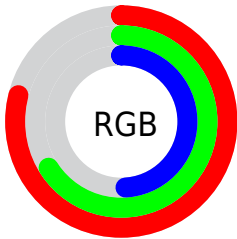
Format	Color
RYB	188, 202, 126
Decimal	13281406
CIELab	71.00, 6.57, 26.36
CIElCh	71, 27.163, 76.000
Yxy	42.1875, 0.3835, 0.3830
Android (android.graphics.Color)	4291471486 (0xFFCAA87E)
YUV	173.3780, -23.3574, 25.1015
Hunter-Lab	64.9519, 2.4261, 21.9821

Details

The CIELCh color **71, 27.163, 76.000** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 25.288, 267.287**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.087, 79.520**, and **51, 27.510, 75.726** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.002, 74.642**, and if you desaturate by 10%, it is **74, 19.565, 77.340**.

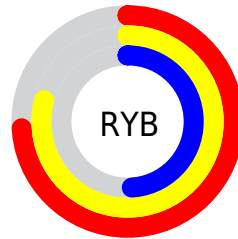
Distribution



Red (79%)

Green (66%)

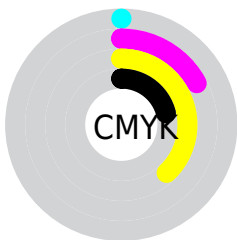
Blue (49%)



Red (74%)

Yellow (79%)

Blue (49%)

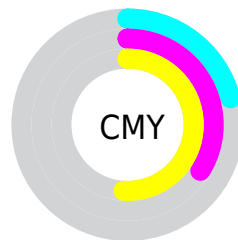


Cyan (0%)

Magenta (17%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 27.163, 76.000 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 71, 27.163, 76.000 by changing the saturation by 10% instead.

71, 27.163, 76.000

71, 27.163, 76.000

100, 27.163,
76.000

61, 27.163, 76.000

91, 27.163, 76.000

51, 27.163, 76.000

41, 27.163, 76.000

31, 27.163, 76.000

21, 27.163, 76.000

11, 27.163, 76.000

1, 27.163, 76.000

0, 27.163, 76.000

71, 27.163, 76.000

71, 27.163, 76.000

68, 35.002, 74.642

74, 19.565, 77.340

66, 42.995, 73.236

76, 12.237, 78.642

63, 50.948, 71.750

79, 5.179, 79.886

61, 58.470, 70.095

82, 1.625, 261.397

59, 64.867, 68.087

85, 8.195, 262.438

57, 69.330, 65.480

88, 14.553,
263.579

56, 70.325, 64.857

90, 15.293,
252.028

93, 14.468,
229.804

95, 15.802,
208.551

Harmonies

Complementary

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



71, 27.163, 76.000



65, 25.288, 267.287

Rectangle

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



71, 27.163, 76.000



71, 27.163, 126.000



71, 27.163, 256.000



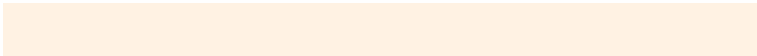
71, 27.163, 306.000

Sweetspot

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



71, 27.163, 76.006



96, 9.123, 79.455



62, 34.615, 350.333



51, 6.146, 79.284



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 27.163, 76.006



85, 39.816, 74.914



80, 39.631, 108.829



42, 3.912, 79.669



47, 60.552, 65.418



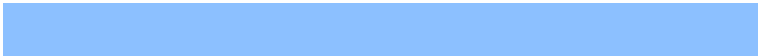
9, 14.452, 64.675

Inverse Universe

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



65, 25.288, 267.287



76, 36.483, 269.237



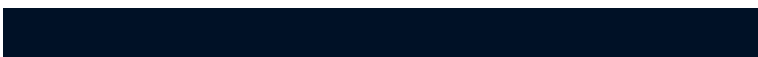
56, 43.576, 296.612



41, 3.857, 262.197



33, 57.505, 288.446



5, 16.140, 275.418

Previews

White Background



This preview shows how the CIELCh color 71, 27.163, 76.000 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 71, 27.163, 76.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

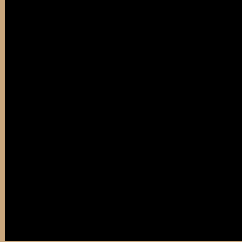
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.163, 76.000

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.163, 76.000.



This preview shows how white text looks on a background with the CIELCh color 71, 27.163, 76.000.

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


71, 27.163, 76.000

Protanopia

71, 24.932, 95.240

Deuteranopia

71, 27.547, 71.292



Tritanopia
71, 18.470, 0.557

Trichromacy



Original Color
71, 27.163, 76.000

Protanomaly
71, 25.460, 87.627

Deuteranomaly
71, 27.279, 71.991

Tritanomaly
71, 16.857, 33.713

Monochromacy



Original Color
71, 27.163, 76.000

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.419, 79.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.163, 76.000 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, 168, 126)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 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, 168, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.163, 76.000 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, 168, 126) }
```

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

```
.border{ border-color:rgb(202, 168, 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, 168, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 168, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 168, 126); box-shadow:4px 4px 4px 4px rgb(202, 168, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.163, 76.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 126) }
```

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

```
.background{ background-color: rgb(202,  
168, 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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