

Converting Colors

CIELCh(71, 40.301, 68.041)

Have a look what the booklet for
CIELCh(71, 40.301, 68.041) contains.

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Color

CIELCh(71, 40.301, 68.036)

Conversions

Conversions Part 1

Format	Color
Hex	DCA26A
RGB	220, 162, 106
RGB Percent	86%, 64%, 42%
CMY	0.1365, 0.3640, 0.5837
CMYK	0.00, 0.26, 0.52, 0.14
HSL	29°, 62%, 64%
HSV	29°, 52%, 86%
XYZ	45.1303, 42.1875, 19.4430
YIQ	172.9580, 52.5440, -5.1200

Conversions

Conversions Part 2

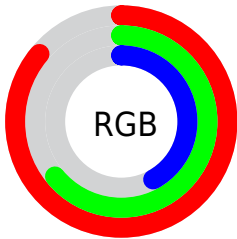
Format	Color
R _Y B	220, 216, 106
Decimal	14459498
CIE Lab	71.00, 15.07, 37.38
CIE LCh	71, 40.301, 68.036
Yxy	42.1875, 0.4227, 0.3952
Android (android.graphics.Color)	4292649578 (0xFFDCA26A)
YUV	172.9580, -33.0103, 41.2558
Hunter-Lab	64.9519, 10.3606, 27.7182

Details

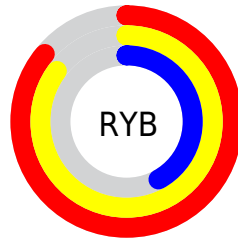
The CIELCh color **71, 40.301, 68.036** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 34.338, 264.477**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 34.397, 81.080**, and **51, 40.274, 67.817** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.065, 66.751**, and if you desaturate by 10%, it is **74, 31.771, 69.298**.

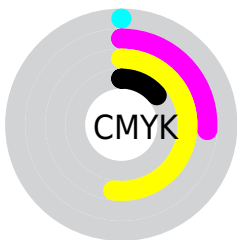
Distribution



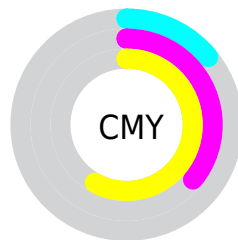
- Red (86%)
- Green (64%)
- Blue (42%)



- Red (86%)
- Yellow (85%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 40.301, 68.036 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, 40.301, 68.036 by changing the saturation by 10% instead.

71, 40.301, 68.036

71, 40.301, 68.036

100, 40.301,
68.036

61, 40.301, 68.036

91, 40.301, 68.036

51, 40.301, 68.036

41, 40.301, 68.036

31, 40.301, 68.036

21, 40.301, 68.036

11, 40.301, 68.036

1, 40.301, 68.036

0, 40.301, 68.036

71, 40.301, 68.036

71, 40.301, 68.036

68, 49.065, 66.751

74, 31.771, 69.298

65, 57.808, 65.369

77, 23.584, 70.545

62, 66.001, 63.751

81, 15.771, 71.780

60, 72.714, 61.615

84, 8.326, 72.990

58, 76.771, 59.405

87, 1.226, 73.923

91, 5.560, 255.510

94, 9.989, 247.281

97, 10.744,
207.630

98, 11.743,
198.721

Harmonies

Complementary

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



71, 40.301, 68.036



66, 34.338, 264.477

Rectangle

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



71, 40.301, 68.036



71, 40.301, 118.036



71, 40.301, 248.036



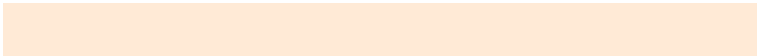
71, 40.301, 298.036

Sweetspot

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



71, 40.301, 68.041



94, 12.868, 72.469



60, 52.241, 348.286



49, 8.732, 72.218



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, 40.301, 68.041



78, 55.532, 66.655



85, 56.458, 104.513



44, 3.974, 73.265



46, 64.010, 60.067



10, 18.352, 58.772

Inverse Universe

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



66, 34.338, 264.477



70, 45.808, 267.903



51, 65.086, 297.289



44, 3.883, 255.744



38, 52.901, 282.965



7, 17.870, 272.896

Previews

White Background



This preview shows how the CIELCh color 71, 40.301, 68.036 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, 40.301, 68.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

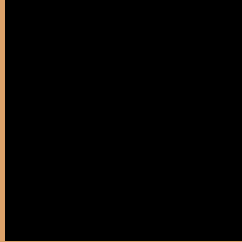
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 40.301, 68.036

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.301, 68.036.



This preview shows how white text looks on a background with the CIELCh color 71, 40.301, 68.036.

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
71, 28.080, 10.025

Trichromacy



Original Color
71, 40.301, 68.036

Protanomaly
71, 35.701, 84.816

Deuteranomaly
71, 39.411, 73.943

Tritanomaly
71, 28.119, 37.141

Monochromacy



Original Color
71, 40.301, 68.036

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 13.818, 71.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.301, 68.036 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(220, 162, 106)` looks like.

```
.text, #text, p{  
    color:rgb(220, 162, 106)  
}
```

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(220, 162, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 162, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.301, 68.036 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(220, 162, 106) }
```

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

```
.border{ border-color:rgb(220, 162, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 162, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 162, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 162, 106);  
box-shadow:4px 4px 4px 4px rgb(220, 162,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.301, 68.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 162, 106) }
```

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

```
.background{ background-color: rgb(220,  
162, 106) }
```

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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