

Converting Colors

CIELCh(71, 39.650, 85.207)

Have a look what the booklet for
CIELCh(71, 39.650, 85.207) contains.

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Color

CIELCh(71, 39.970, 85.287)

Conversions

Conversions Part 1

Format	Color
Hex	CBAA65
RGB	203, 170, 101
RGB Percent	80%, 67%, 40%
CMY	0.2055, 0.3347, 0.6053
CMYK	0.00, 0.16, 0.50, 0.21
HSL	41°, 49%, 59%
HSV	41°, 50%, 79%
XYZ	41.1607, 42.1875, 18.1971
YIQ	172.0010, 41.8170, -14.4630

Conversions

Conversions Part 2

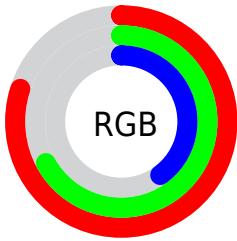
Format	Color
RYB	150, 203, 101
Decimal	13347429
CIELab	71.00, 3.28, 39.83
CIELCh	71, 39.970, 85.287
Yxy	42.1875, 0.4053, 0.4155
Android (android.graphics.Color)	4291537509 (0xFFCBAA65)
YUV	172.0010, -35.0035, 27.1861
Hunter-Lab	64.9519, -0.5485, 28.8555

Details

The CIELCh color **71, 39.970, 85.287** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 40.075, 281.068**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 39.007, 88.967**, and **51, 39.901, 84.915** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.926, 83.843**, and if you desaturate by 10%, it is **73, 31.864, 86.686**.

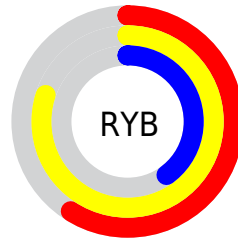
Distribution



Red (80%)

Green (67%)

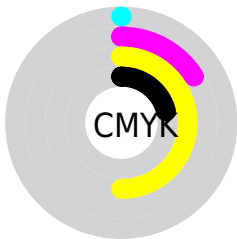
Blue (40%)



Red (59%)

Yellow (80%)

Blue (40%)

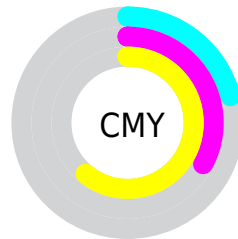


Cyan (0%)

Magenta (16%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 39.970, 85.287 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, 39.970, 85.287 by changing the saturation by 10% instead.

■ 71, 39.970, 85.287

■ 71, 39.970, 85.287

■ 100, 39.970,
85.287

■ 61, 39.970, 85.287

■ 91, 39.970, 85.287

■ 51, 39.970, 85.287

■ 41, 39.970, 85.287

■ 31, 39.970, 85.287

■ 21, 39.970, 85.287

■ 11, 39.970, 85.287

■ 1, 39.970, 85.287

■ 0, 39.970, 85.287

■ 71, 39.970, 85.287

■ 71, 39.970, 85.287

69, 47.926, 83.843

73, 31.864, 86.686

67, 55.422, 82.311

75, 23.773, 88.040

65, 61.934, 80.623

77, 15.782, 89.353

64, 66.715, 78.649

79, 7.932, 90.614

62, 69.443, 76.393

81, 0.234, 90.866

84, 7.309, 273.092

86, 14.704,
274.208

88, 18.174,
271.014

90, 15.948,
258.846

Harmonies

Complementary

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



71, 39.970, 85.287



56, 40.075, 281.068

Rectangle

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



71, 39.970, 85.287



71, 39.970, 135.287



71, 39.970, 265.287



71, 39.970, 315.287

Sweetspot

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



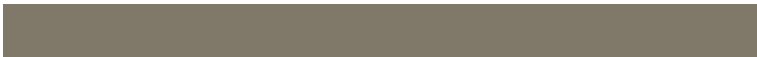
71, 39.970, 85.291



96, 13.969, 90.006



56, 44.073, 0.285



51, 9.551, 89.735



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, 39.970, 85.291



85, 57.446, 83.770



78, 52.685, 113.165



42, 4.380, 90.726



51, 59.843, 76.829



10, 15.518, 79.785

Inverse Universe

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



56, 40.075, 281.068



64, 58.232, 284.004



49, 59.957, 301.847



40, 4.383, 273.162



28, 71.364, 296.852



4, 18.364, 282.475

Previews

White Background



This preview shows how the CIELCh color 71, 39.970, 85.287 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, 39.970, 85.287 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, 39.970, 85.287

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.970, 85.287.



This preview shows how white text looks on a background with the CIELCh color 71, 39.970, 85.287.

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, 39.970, 85.287

Protanopia

71, 39.191, 95.486

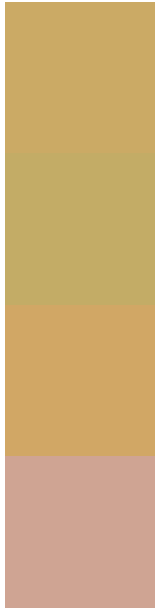
Deuteranopia

71, 40.926, 77.040



Tritanopia
71, 19.595, 1.921

Trichromacy



Original Color
71, 39.970, 85.287

Protanomaly
71, 38.898, 91.506

Deuteranomaly
71, 40.433, 79.464

Tritanomaly
71, 19.989, 47.994

Monochromacy



Original Color
71, 39.970, 85.287

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 14.440, 89.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.970, 85.287 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(203, 170, 101)` looks like.

```
.text, #text, p{  
    color:rgb(203, 170, 101)  
}
```

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(203, 170, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 170, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.970, 85.287 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(203, 170, 101) }
```

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

```
.border{ border-color:rgb(203, 170, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 170, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 170, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 170, 101);  
box-shadow:4px 4px 4px 4px rgb(203, 170,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.970, 85.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 170, 101) }
```

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

```
.background{ background-color: rgb(203,  
170, 101) }
```

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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