

Converting Colors

CIELCh(71, 24.590, 80.693)

Have a look what the booklet for
CIELCh(71, 24.590, 80.693) contains.

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Color

CIELCh(71, 24.590, 80.693)

Conversions

Conversions Part 1

Format	Color
Hex	C5AA82
RGB	197, 170, 130
RGB Percent	77%, 67%, 51%
CMY	0.2278, 0.3336, 0.4905
CMYK	0.00, 0.14, 0.34, 0.23
HSL	36°, 37%, 64%
HSV	36°, 34%, 77%
XYZ	41.3872, 42.1875, 27.0536
YIQ	173.5130, 28.9320, -6.7160

Conversions

Conversions Part 2

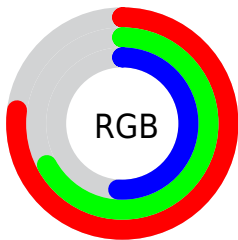
Format	Color
RYB	175, 197, 130
Decimal	12954242
CIELab	71.00, 3.98, 24.27
CIELCh	71, 24.590, 80.693
Yxy	42.1875, 0.3741, 0.3813
Android (android.graphics.Color)	4291144322 (0xFFC5AA82)
YUV	173.5130, -21.4519, 20.5981
Hunter-Lab	64.9519, 0.0740, 20.7710

Details

The CIELCh color **71, 24.590, 80.693** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 23.624, 270.714**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.725, 80.147**, and **51, 24.714, 80.948** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.266, 79.316**, and if you desaturate by 10%, it is **73, 17.101, 82.045**.

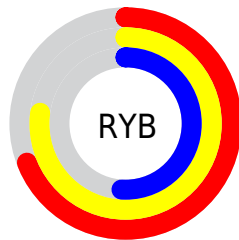
Distribution



Red (77%)

Green (67%)

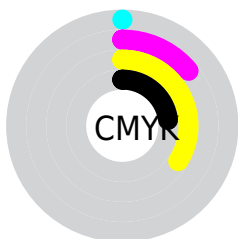
Blue (51%)



Red (69%)

Yellow (77%)

Blue (51%)

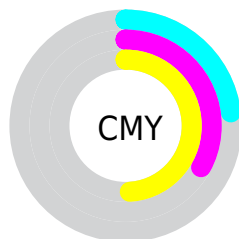


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 24.590, 80.693 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, 24.590, 80.693 by changing the saturation by 10% instead.

 71, 24.590, 80.693

 71, 24.590, 80.693

 100, 24.590,
80.693

 61, 24.590, 80.693

 91, 24.590, 80.693

 51, 24.590, 80.693

 41, 24.590, 80.693

 31, 24.590, 80.693

 21, 24.590, 80.693

 11, 24.590, 80.693

 1, 24.590, 80.693

 0, 24.590, 80.693

 71, 24.590, 80.693

 71, 24.590, 80.693

69, 32.266, 79.316

73, 17.101, 82.045

66, 40.052, 77.888

76, 9.827, 83.348

64, 47.784, 76.393

78, 2.769, 84.549

62, 55.138, 74.769

81, 4.080, 265.956

60, 61.538, 72.892

84, 10.736,
267.097

58, 66.157, 70.538

86, 17.216,
268.222

57, 68.215, 68.963

89, 17.737,
259.757

91, 16.093,
243.246

93, 15.951,
225.016

Harmonies

Complementary

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



71, 24.590, 80.693



64, 23.624, 270.714

Rectangle

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



71, 24.590, 80.693



71, 24.590, 130.693



71, 24.590, 260.693



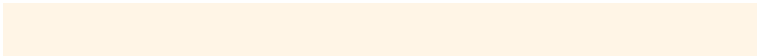
71, 24.590, 310.693

Sweetspot

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



71, 24.591, 80.699



97, 8.592, 83.834



62, 30.112, 351.949



51, 5.875, 83.656



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, 24.591, 80.699



87, 36.952, 79.650



78, 35.271, 110.617



41, 3.977, 83.929



48, 59.292, 69.469



8, 13.304, 69.981

Inverse Universe

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



64, 23.624, 270.714



77, 35.187, 272.424



57, 38.326, 297.120



40, 3.945, 266.443



31, 61.641, 291.818



4, 15.586, 277.303

Previews

White Background



This preview shows how the CIELCh color 71, 24.590, 80.693 looks on a white background.

Color Contrast Check

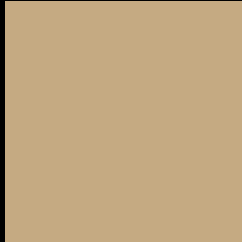
Large Text (above 18pt) WCAG AA × Fail

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, 24.590, 80.693 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, 24.590, 80.693

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.590, 80.693.



This preview shows how white text looks on a background with the CIELCh color 71, 24.590, 80.693.

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, 24.590, 80.693

Protanopia

71, 23.267, 95.612

Deuteranopia

71, 25.486, 69.535



Tritanopia
71, 15.911, 356.740

Trichromacy



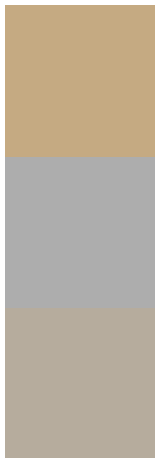
Original Color
71, 24.590, 80.693

Protanomaly
71, 23.844, 90.700

Deuteranomaly
71, 24.836, 73.210

Tritanomaly
71, 14.040, 36.120

Monochromacy



Original Color
71, 24.590, 80.693

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.047, 83.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.590, 80.693 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(197, 170, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 130)  
}
```

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(197, 170, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.590, 80.693 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(197, 170, 130) }
```

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

```
.border{ border-color:rgb(197, 170, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.590, 80.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 130) }
```

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

```
.background{ background-color: rgb(197,  
170, 130) }
```

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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