

Converting Colors

CIELCh(71, 27.982, 83.467)

Have a look what the booklet for
CIELCh(71, 27.982, 83.467) contains.

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Color

CIELCh(71, 28.042, 83.601)

Conversions

Conversions Part 1

Format	Color
Hex	C5AA7B
RGB	197, 170, 123
RGB Percent	77%, 67%, 48%
CMY	0.2264, 0.3323, 0.5167
CMYK	0.00, 0.14, 0.38, 0.23
HSL	38°, 39%, 63%
HSV	38°, 38%, 77%
XYZ	41.1089, 42.1875, 24.7951
YIQ	172.7150, 31.1790, -8.8930

Conversions

Conversions Part 2

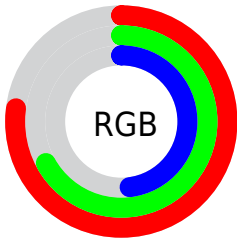
Format	Color
RYB	166, 197, 123
Decimal	12954235
CIELab	71.00, 3.13, 27.87
CIELCh	71, 28.042, 83.601
Yxy	42.1875, 0.3803, 0.3903
Android (android.graphics.Color)	4291144315 (0xFFC5AA7B)
YUV	172.7150, -24.5095, 21.2979
Hunter-Lab	64.9519, -0.6909, 22.8326

Details

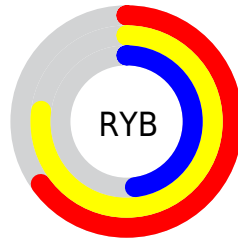
The CIELCh color **71, 28.042, 83.601** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 27.399, 274.759**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 27.994, 83.135**, and **51, 27.840, 83.350** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.862, 82.206**, and if you desaturate by 10%, it is **73, 20.331, 84.966**.

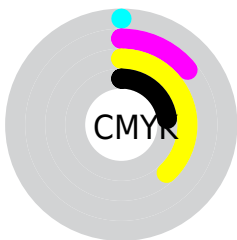
Distribution



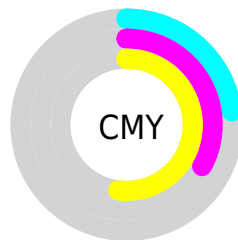
- Red (77%)
- Green (67%)
- Blue (48%)



- Red (65%)
- Yellow (77%)
- Blue (48%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (33%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 28.042, 83.601 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, 28.042, 83.601 by changing the saturation by 10% instead.

■ 71, 28.042, 83.601

■ 71, 28.042, 83.601

■ 100, 28.042,
83.601

■ 61, 28.042, 83.601

■ 91, 28.042, 83.601

■ 51, 28.042, 83.601

■ 41, 28.042, 83.601

■ 31, 28.042, 83.601

■ 21, 28.042, 83.601

■ 11, 28.042, 83.601

■ 1, 28.042, 83.601

■ 0, 28.042, 83.601

■ 71, 28.042, 83.601

■ 71, 28.042, 83.601

69, 35.862, 82.206

73, 20.331, 84.966

67, 43.673, 80.754

76, 12.782, 86.282

65, 51.243, 79.220

78, 5.414, 87.538

63, 58.149, 77.537

80, 1.771, 268.972

61, 63.712, 75.565

83, 8.782, 270.044

59, 67.246, 73.128

85, 15.630,
271.170

59, 68.024, 72.518

87, 19.295,
268.402

89, 17.041,
255.446

91, 15.851,
239.773

Harmonies

Complementary

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



71, 28.042, 83.601



62, 27.399, 274.759

Rectangle

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



71, 28.042, 83.601



71, 28.042, 133.601



71, 28.042, 263.601



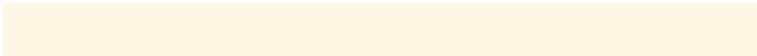
71, 28.042, 313.601

Sweetspot

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



71, 28.043, 83.606



97, 9.800, 87.091



60, 32.545, 355.730



51, 6.597, 86.919



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, 28.043, 83.606



87, 41.760, 82.466



77, 38.973, 112.547



41, 4.119, 87.312



49, 59.086, 72.989



9, 13.625, 74.845

Inverse Universe

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



62, 27.399, 274.759



74, 40.671, 276.669



55, 42.698, 299.164



39, 4.104, 269.794



29, 65.865, 294.372



4, 16.179, 279.411

Previews

White Background



This preview shows how the CIELCh color 71, 28.042, 83.601 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, 28.042, 83.601 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, 28.042, 83.601

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.042, 83.601.



This preview shows how white text looks on a background with the CIELCh color 71, 28.042, 83.601.

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, 28.042, 83.601

Protanopia

71, 27.024, 95.927

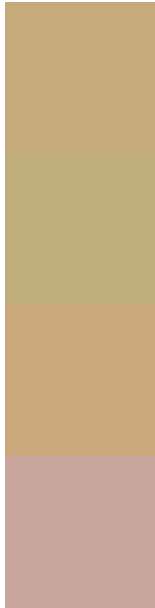
Deuteranopia

71, 29.174, 72.251



Tritanopia
71, 16.832, 356.214

Trichromacy



Original Color
71, 28.042, 83.601

Protanomaly
71, 27.581, 91.618

Deuteranomaly
71, 28.345, 76.243

Tritanomaly
71, 14.828, 39.644

Monochromacy



Original Color
71, 28.042, 83.601

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.047, 86.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.042, 83.601 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.042, 83.601 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, 123) }
```

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

```
.border{ border-color:rgb(197, 170, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 123);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.042, 83.601 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, 123) }
```

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

```
.background{ background-color: rgb(197,  
170, 123) }
```

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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