

Converting Colors

CIELCh(70, 30.970, 83.154)

Have a look what the booklet for
CIELCh(70, 30.970, 83.154) contains.

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Color

CIELCh(70, 31.184, 82.952)

Conversions

Conversions Part 1

Format	Color
Hex	C5A773
RGB	197, 167, 115
RGB Percent	77%, 65%, 45%
CMY	0.2274, 0.3450, 0.5490
CMYK	0.00, 0.15, 0.42, 0.23
HSL	38°, 41%, 61%
HSV	38°, 42%, 77%
XYZ	39.9429, 40.7494, 21.9821
YIQ	170.0420, 34.5720, -9.8120

Conversions

Conversions Part 2

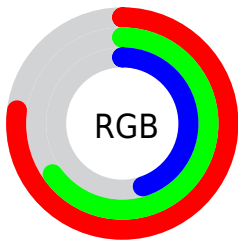
Format	Color
RYB	162, 197, 115
Decimal	12953459
CIELab	70.00, 3.83, 30.95
CIELCh	70, 31.184, 82.952
Yxy	40.7494, 0.3890, 0.3969
Android (android.graphics.Color)	4291143539 (0xFFC5A773)
YUV	170.0420, -27.1357, 23.6422
Hunter-Lab	63.8353, -0.0210, 24.2678

Details

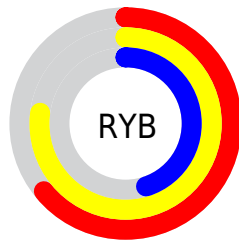
The CIELCh color **70, 31.184, 82.952** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 30.396, 275.610**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 30.965, 82.739**, and **50, 31.179, 82.366** is the 20% darker color. If you saturate the color by 10%, you get **68, 39.010, 81.537**, and if you desaturate by 10%, it is **72, 23.431, 84.333**.

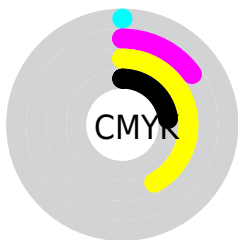
Distribution



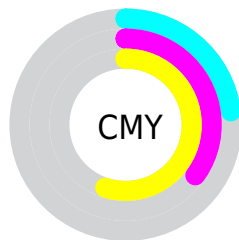
- Red (77%)
- Green (65%)
- Blue (45%)



- Red (64%)
- Yellow (77%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 31.184, 82.952 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 70, 31.184, 82.952 by changing the saturation by 10% instead.

■ 70, 31.184, 82.952

■ 70, 31.184, 82.952

■ 100, 31.184,
82.952

■ 60, 31.184, 82.952

■ 90, 31.184, 82.952

■ 50, 31.184, 82.952

■ 40, 31.184, 82.952

■ 30, 31.184, 82.952

■ 20, 31.184, 82.952

■ 10, 31.184, 82.952

■ 0, 31.184, 82.952

■ 70, 31.184, 82.952

■ 70, 31.184, 82.952

■ 68, 39.010, 81.537

■ 72, 23.431, 84.333

66, 46.751, 80.057

74, 15.824, 85.668

64, 54.109, 78.473

77, 8.395, 86.954

62, 60.561, 76.693

79, 1.150, 88.015

60, 65.339, 74.543

82, 5.917, 269.497

59, 67.960, 72.433

84, 12.815,
270.634

86, 19.559,
271.736

88, 17.960,
261.311

90, 16.279,
246.713

Harmonies

Complementary

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



70, 31.184, 82.952



60, 30.396, 275.610

Rectangle

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



70, 31.184, 82.952



70, 31.184, 132.952



70, 31.184, 262.952



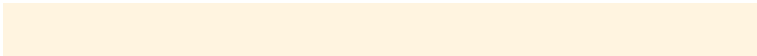
70, 31.184, 312.952

Sweetspot

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



70, 31.185, 82.957



97, 10.696, 86.884



58, 36.101, 356.363



51, 7.107, 86.716



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 31.185, 82.957



86, 46.561, 81.661



77, 42.990, 112.250



41, 4.115, 87.231



49, 59.088, 72.901



9, 13.616, 74.728

Inverse Universe

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



60, 30.396, 275.610



71, 45.279, 277.907



53, 47.689, 299.703



39, 4.100, 269.715



29, 65.761, 294.313



4, 16.165, 279.362

Previews

White Background



This preview shows how the CIELCh color 70, 31.184, 82.952 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 CIE LCh color 70, 31.184, 82.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

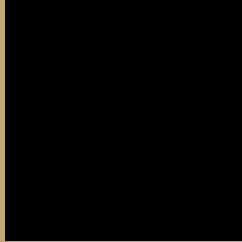
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 31.184, 82.952

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.184, 82.952.



This preview shows how white text looks on a background with the CIELCh color 70, 31.184, 82.952.

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


70, 31.184, 82.952

Protanopia

70, 29.806, 95.737

Deuteranopia

70, 31.853, 73.918



Tritanopia
70, 17.780, 359.597

Trichromacy



Original Color
70, 31.184, 82.952

Protanomaly
70, 30.367, 91.770

Deuteranomaly
70, 31.298, 76.966

Tritanomaly
70, 16.750, 43.403

Monochromacy



Original Color
70, 31.184, 82.952

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.251, 86.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.184, 82.952 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, 167, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 115)  
}
```

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, 167, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.184, 82.952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

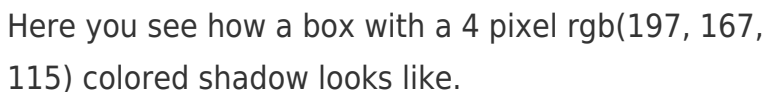
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 167, 115) }
```

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

```
.border{ border-color:rgb(197, 167, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 167, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 167, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 167, 115); box-shadow:4px 4px 4px 4px rgb(197, 167, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.184, 82.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 115) }
```

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

```
.background{ background-color: rgb(197,  
167, 115) }
```

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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