

Converting Colors

CIELCh(75, 31.155, 96.163)

Have a look what the booklet for
CIELCh(75, 31.155, 96.163) contains.

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Color

CIELCh(75, 31.462, 96.517)

Conversions

Conversions Part 1

Format	Color
Hex	C7B97F
RGB	199, 185, 127
RGB Percent	78%, 73%, 50%
CMY	0.2203, 0.2751, 0.5026
CMYK	0.00, 0.07, 0.36, 0.22
HSL	48°, 39%, 64%
HSV	48°, 36%, 78%
XYZ	44.6450, 48.2781, 26.9918
YIQ	182.5740, 26.9620, -15.0700

Conversions

Conversions Part 2

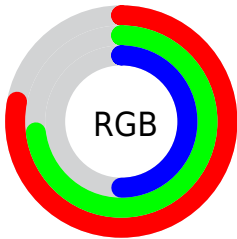
Format	Color
RYB	144, 199, 127
Decimal	13089151
CIELab	75.00, -3.57, 31.26
CIElCh	75, 31.462, 96.517
Yxy	48.2781, 0.3723, 0.4026
Android (android.graphics.Color)	4291279231 (0xFFC7B97F)
YUV	182.5740, -27.3980, 14.4056
Hunter-Lab	69.4824, -6.9015, 25.6054

Details

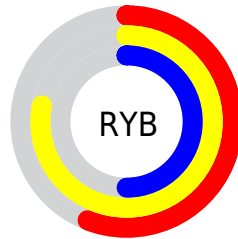
The CIELCh color **75, 31.462, 96.517** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 32.946, 286.084**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.510, 97.763**, and **55, 31.421, 96.374** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.042, 95.303**, and if you desaturate by 10%, it is **76, 22.761, 97.721**.

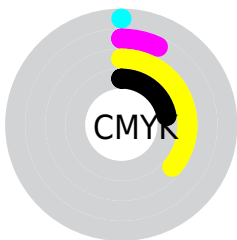
Distribution



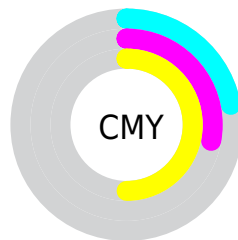
- Red (78%)
- Green (73%)
- Blue (50%)



- Red (56%)
- Yellow (78%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 31.462, 96.517 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 75, 31.462, 96.517 by changing the saturation by 10% instead.

■ 75, 31.462, 96.517

■ 75, 31.462, 96.517

■ 100, 31.462,
96.517

■ 65, 31.462, 96.517

■ 95, 31.462, 96.517

■ 55, 31.462, 96.517

■ 45, 31.462, 96.517

■ 35, 31.462, 96.517

■ 25, 31.462, 96.517

■ 15, 31.462, 96.517

■ 5, 31.462, 96.517

■ 0, 31.462, 96.517

■ 75, 31.462, 96.517

■ 75, 31.462, 96.517

74, 40.042, 95.303

76, 22.761, 97.721

72, 48.323, 94.072

78, 14.038, 98.894

71, 56.011, 92.830

79, 5.349, 100.021

70, 62.643, 91.568

81, 3.274, 281.203

69, 67.597, 90.254

82, 11.816,
282.234

68, 70.297, 88.832

84, 20.270,
283.247

68, 71.004, 88.278

85, 22.952,
281.407

86, 21.156,
276.774

87, 19.521,
271.359

Harmonies

Complementary

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



75, 31.462, 96.517



60, 32.946, 286.084

Rectangle

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



75, 31.462, 96.517



75, 31.462, 146.517



75, 31.462, 276.517



75, 31.462, 326.517

Sweetspot

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



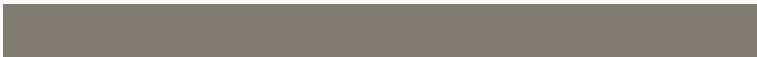
75, 31.463, 96.521



98, 11.639, 99.470



61, 30.029, 7.531



52, 7.825, 99.314



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 31.463, 96.521



93, 45.657, 95.617



77, 38.759, 119.713



41, 4.900, 99.670



56, 61.402, 88.517



11, 16.139, 92.916

Inverse Universe

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



60, 32.946, 286.084



70, 48.476, 287.599



58, 41.755, 304.347



39, 4.958, 281.869



23, 83.651, 302.381



2, 18.621, 286.184

Previews

White Background



This preview shows how the CIELCh color 75, 31.462, 96.517 looks on a white background.

Color Contrast Check

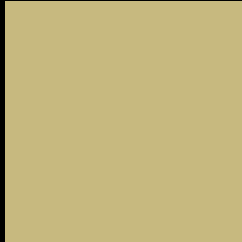
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.462, 96.517 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 75, 31.462, 96.517

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.462, 96.517.



This preview shows how white text looks on a background with the CIELCh color 75, 31.462, 96.517.

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

75, 31.462, 96.517

Protanopia

75, 31.547, 95.770

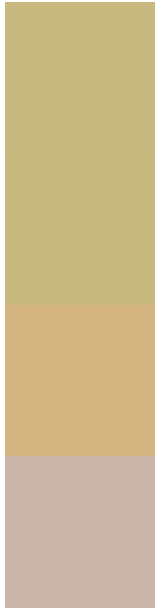
Deuteranopia

75, 31.849, 73.001



Tritanopia
75, 13.210, 345.780

Trichromacy



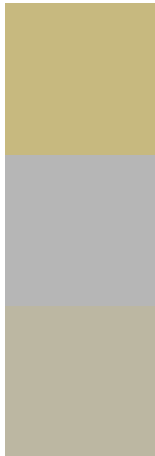
Original Color
75, 31.462, 96.517

Protanomaly
75, 31.547, 95.770

Deuteranomaly
75, 31.117, 81.880

Tritanomaly
75, 11.077, 55.443

Monochromacy



Original Color
75, 31.462, 96.517

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.461, 99.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.462, 96.517 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(199, 185, 127)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 127)  
}
```

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(199, 185, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.462, 96.517 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(199, 185, 127) }
```

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

```
.border{ border-color:rgb(199, 185, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 127);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.462, 96.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 127) }
```

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

```
.background{ background-color: rgb(199,  
185, 127) }
```

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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