

Converting Colors

CIELCh(75, 30.858, 100.480)

Have a look what the booklet for
CIELCh(75, 30.858, 100.480)
contains.

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Color

CIELCh(75, 31.095, 100.314)

Conversions

Conversions Part 1

Format	Color
Hex	C3BA80
RGB	195, 186, 128
RGB Percent	76%, 73%, 50%
CMY	0.2353, 0.2706, 0.4980
CMYK	0.00, 0.05, 0.34, 0.24
HSL	52°, 36%, 63%
HSV	52°, 34%, 76%
XYZ	43.9606, 48.2781, 27.4234
YIQ	182.0790, 23.9820, -16.1300

Conversions

Conversions Part 2

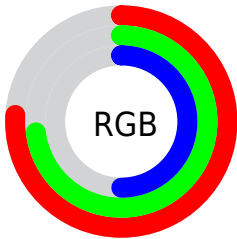
Format	Color
RYB	138, 195, 128
Decimal	12827264
CIELab	75.00, -5.57, 30.59
CIELCh	75, 31.095, 100.314
Yxy	48.2781, 0.3674, 0.4035
Android (android.graphics.Color)	4291017344 (0xFFC3BA80)
YUV	182.0790, -26.6609, 11.3317
Hunter-Lab	69.4824, -8.6598, 25.2371

Details

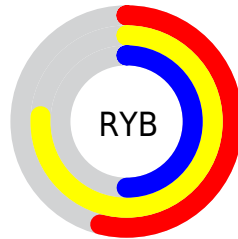
The CIELCh color **75, 31.095, 100.314** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 32.977, 288.856**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.247, 100.597**, and **55, 31.043, 100.528** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.935, 99.196**, and if you desaturate by 10%, it is **76, 22.087, 101.436**.

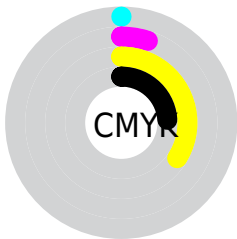
Distribution



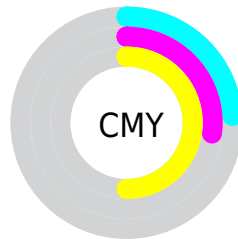
- Red (76%)
- Green (73%)
- Blue (50%)



- Red (54%)
- Yellow (76%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.095, 100.314 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, 31.095, 100.314 by changing the saturation by 10% instead.


 75, 31.095,
100.314


 75, 31.095,
100.314


 100, 31.095,
100.314


 65, 31.095,
100.314


 95, 31.095,
100.314

 55, 31.095,
100.314

 45, 31.095,
100.314

 35, 31.095,
100.314

 25, 31.095,
100.314

 15, 31.095,
100.314

 5, 31.095, 100.314

0, 31.095, 100.314

75, 31.095,
100.314

75, 31.095,
100.314

74, 39.935, 99.196

76, 22.087,
101.436

73, 48.426, 98.081

77, 13.014,
102.535

72, 56.287, 96.988

71, 63.086, 95.926

78, 3.937, 103.593

71, 68.255, 94.896

79, 5.105, 284.693

70, 71.253, 93.880

81, 14.093,
285.686

69, 72.244, 93.308

82, 23.014,
286.649

83, 26.894,

286.041

■ 84, 25.558,
283.648

■ 84, 24.271,
281.008

Harmonies

Complementary

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



75, 31.095, 100.314



58, 32.977, 288.856

Rectangle

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



75, 31.095, 100.314



75, 31.095, 150.314



75, 31.095, 280.314



75, 31.095, 330.314

Sweetspot

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



75, 31.096, 100.318



98, 11.168, 102.988



61, 27.779, 11.022



52, 7.684, 102.835



0, 0.000, 0.000



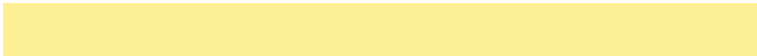
53, 0.007, 296.813

Same Dimension

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



75, 31.096, 100.318



94, 45.606, 99.501



76, 36.606, 121.823



40, 5.107, 103.073



58, 62.649, 93.459



10, 15.759, 98.380

Inverse Universe

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



58, 32.977, 288.856



69, 49.188, 290.236



58, 39.065, 305.830



38, 5.187, 285.153



21, 87.470, 304.046



2, 17.635, 287.287

Previews

White Background



This preview shows how the CIELCh color 75, 31.095, 100.314 looks on a white background.

Color Contrast Check

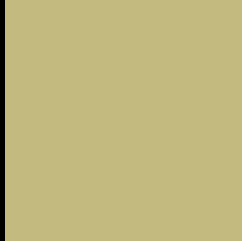
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.095, 100.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

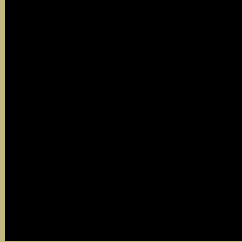
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 31.095, 100.314

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.095, 100.314.



This preview shows how white text looks on a background with the CIELCh color 75, 31.095, 100.314.

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, 31.095, 100.314

Protanopia

75, 31.547, 95.770

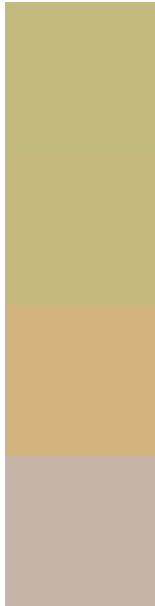
Deuteranopia

75, 31.396, 72.540



Tritanopia
75, 11.714, 340.307

Trichromacy



Original Color
75, 31.095, 100.314

Protanomaly
75, 31.382, 97.268

Deuteranomaly
75, 30.437, 82.245

Tritanomaly
75, 9.519, 62.330

Monochromacy



Original Color
75, 31.095, 100.314

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.403, 101.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.095, 100.314 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(195, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 128)  
}
```

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(195, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.095, 100.314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

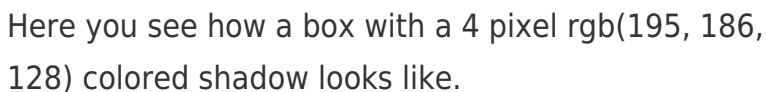
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 186, 128) }
```

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

```
.border{ border-color:rgb(195, 186, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 186, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.095, 100.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 128) }
```

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

```
.background{ background-color: rgb(195,  
186, 128) }
```

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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