

Converting Colors

CIELCh(74, 31.567, 104.628)

Have a look what the booklet for
CIELCh(74, 31.567, 104.628)
contains.

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Color

CIELCh(74, 31.953, 104.850)

Conversions

Conversions Part 1

Format	Color
Hex	BCB97D
RGB	188, 185, 125
RGB Percent	74%, 73%, 49%
CMY	0.2639, 0.2756, 0.5109
CMYK	0.00, 0.02, 0.34, 0.26
HSL	57°, 32%, 61%
HSV	57°, 34%, 74%
XYZ	41.6384, 46.7039, 26.1302
YIQ	179.0570, 21.0480, -18.0240

Conversions

Conversions Part 2

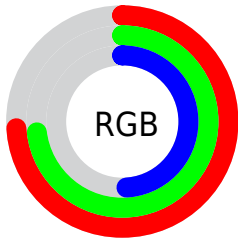
Format	Color
RYB	128, 188, 125
Decimal	12368253
CIELab	74.00, -8.19, 30.89
CIELCh	74, 31.953, 104.850
Yxy	46.7039, 0.3637, 0.4080
Android (android.graphics.Color)	4290558333 (0xFFBCB97D)
YUV	179.0570, -26.6501, 7.8430
Hunter-Lab	68.3403, -10.8390, 25.1684

Details

The CIELCh color $74, 31.953, 104.850$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $55, 34.428, 292.561$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 32.066, 104.861$, and $54, 31.981, 104.577$ is the 20% darker color. If you saturate the color by 10%, you get $73, 41.116, 103.864$, and if you desaturate by 10%, it is $75, 22.543, 105.860$.

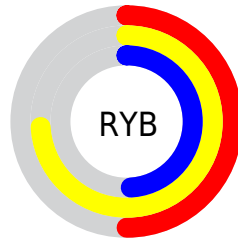
Distribution



Red (74%)

Green (73%)

Blue (49%)



Red (50%)

Yellow (74%)

Blue (49%)

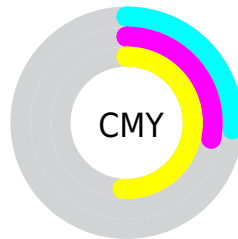


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.953, 104.850 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 74, 31.953, 104.850 by changing the saturation by 10% instead.


 74, 31.953,
104.850

 74, 31.953,
104.850


 100, 31.953,
104.850


 64, 31.953,
104.850


 94, 31.953,
104.850

 54, 31.953,
104.850

 44, 31.953,
104.850

 34, 31.953,
104.850

 24, 31.953,
104.850

 14, 31.953,
104.850

 4, 31.953, 104.850

■ 0, 31.953, 104.850

■ 74, 31.953,
104.850

■ 74, 31.953,
104.850

■ 73, 41.116,
103.864

■ 75, 22.543,
105.860

■ 73, 49.842,
102.913

■ 75, 13.001,
106.866

■ 73, 57.843,
102.027

■ 76, 3.403, 107.844

■ 77, 6.204, 288.852

■ 72, 64.713,
101.236

■ 77, 15.791,
289.786

■ 72, 69.952,
100.568

■ 78, 25.338,
290.690

■ 72, 73.128,
100.042

■ 79, 34.236,

■ 71, 74.347, 99.757 291.471

■ 79, 33.739,
290.917

■ 80, 33.246,
290.348

Harmonies

Complementary

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



74, 31.953, 104.850



55, 34.428, 292.561

Rectangle

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



74, 31.953, 104.850



74, 31.953, 154.850



74, 31.953, 284.850



74, 31.953, 334.850

Sweetspot

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



74, 31.954, 104.854



96, 11.907, 107.203



59, 26.273, 18.543



51, 8.120, 107.063



98, 0.011, 296.813



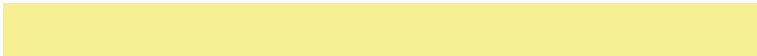
51, 0.007, 296.813

Same Dimension

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



74, 31.954, 104.854



93, 46.997, 104.147



73, 35.451, 125.696



40, 5.462, 107.283



61, 65.511, 99.798



10, 15.895, 105.050

Inverse Universe

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



55, 34.428, 292.561



66, 51.679, 293.814



57, 37.365, 309.063



37, 5.571, 289.210



19, 91.310, 305.600



1, 16.837, 289.299

Previews

White Background



This preview shows how the CIELCh color 74, 31.953, 104.850 looks on a white background.

Color Contrast Check

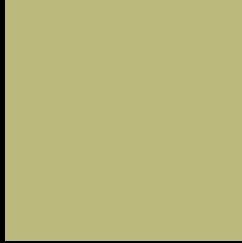
Large Text (above 18pt) WCAG AA × Fail

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 74, 31.953, 104.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

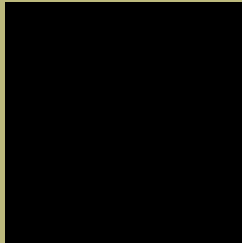
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

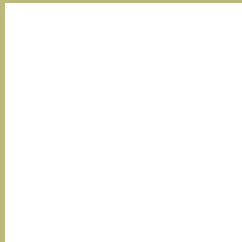
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 31.953, 104.850

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.953, 104.850.



This preview shows how white text looks on a background with the CIELCh color 74, 31.953, 104.850.

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

74, 31.953, 104.850

Protanopia

74, 31.636, 95.707

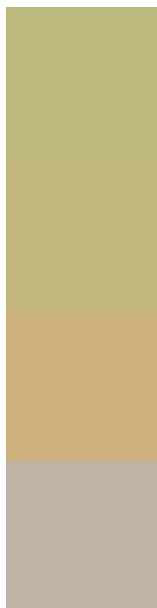
Deuteranopia

74, 31.512, 72.469



Tritanopia
74, 10.388, 333.445

Trichromacy



Original Color
74, 31.953, 104.850

Protanomaly
74, 31.814, 98.812

Deuteranomaly
74, 30.442, 84.681

Tritanomaly
74, 8.639, 73.736

Monochromacy



Original Color
74, 31.953, 104.850

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.872, 107.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.953, 104.850 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(188, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 185, 125)  
}
```

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(188, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.953, 104.850 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(188, 185, 125) }
```

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

```
.border{ border-color:rgb(188, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 185,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.953, 104.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 125) }
```

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

```
.background{ background-color: rgb(188,  
185, 125) }
```

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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