

Converting Colors

CIELCh(74, 29.104, 91.162)

Have a look what the booklet for
CIELCh(74, 29.104, 91.162) contains.

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Color

CIELCh(74, 29.521, 91.831)

Conversions

Conversions Part 1

Format	Color
Hex	C8B580
RGB	200, 181, 128
RGB Percent	78%, 71%, 50%
CMY	0.2170, 0.2914, 0.4992
CMYK	0.00, 0.10, 0.36, 0.22
HSL	44°, 39%, 64%
HSV	44°, 36%, 78%
XYZ	44.0677, 46.7039, 27.0102
YIQ	180.6390, 28.3370, -12.4550

Conversions

Conversions Part 2

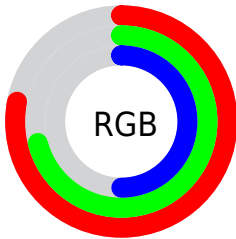
Format	Color
RYB	154, 200, 128
Decimal	13153664
CIELab	74.00, -0.94, 29.51
CIELCh	74, 29.521, 91.831
Yxy	46.7039, 0.3741, 0.3965
Android (android.graphics.Color)	4291343744 (0xFFC8B580)
YUV	180.6390, -25.9510, 16.9796
Hunter-Lab	68.3403, -4.4938, 24.4049

Details

The CIELCh color **74, 29.521, 91.831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 30.182, 281.881**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.464, 94.127**, and **54, 29.451, 91.376** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.783, 90.520**, and if you desaturate by 10%, it is **76, 21.234, 93.118**.

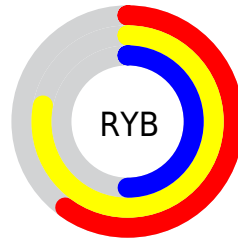
Distribution



Red (78%)

Green (71%)

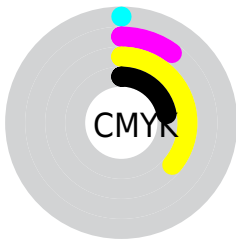
Blue (50%)



Red (60%)

Yellow (78%)

Blue (50%)

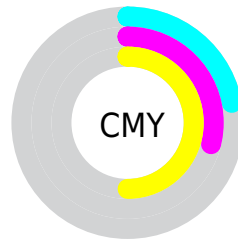


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 29.521, 91.831 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, 29.521, 91.831 by changing the saturation by 10% instead.

■ 74, 29.521, 91.831

■ 74, 29.521, 91.831

■ 100, 29.521,
91.831

■ 64, 29.521, 91.831

■ 94, 29.521, 91.831

■ 54, 29.521, 91.831

■ 44, 29.521, 91.831

■ 34, 29.521, 91.831

■ 24, 29.521, 91.831

■ 14, 29.521, 91.831

■ 4, 29.521, 91.831

■ 0, 29.521, 91.831

■ 74, 29.521, 91.831

■ 74, 29.521, 91.831

72, 37.783, 90.520

76, 21.234, 93.118

71, 45.870, 89.170

78, 13.000, 94.362

69, 53.517, 87.774

79, 4.859, 95.547

68, 60.284, 86.301

81, 3.171, 276.815

66, 65.525, 84.681

83, 11.085,
277.890

65, 68.559, 82.804

85, 18.882,
278.952

64, 69.424, 82.026

87, 20.304,
275.086

88, 18.215,
266.982

89, 16.570,
257.115

Harmonies

Complementary

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



74, 29.521, 91.831



61, 30.182, 281.881

Rectangle

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



74, 29.521, 91.831



74, 29.521, 141.831



74, 29.521, 271.831



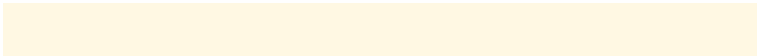
74, 29.521, 321.831

Sweetspot

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



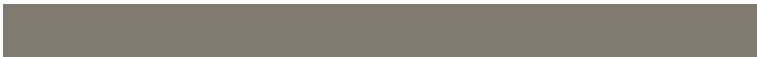
74, 29.522, 91.836



98, 10.831, 94.952



61, 30.436, 2.556



52, 7.285, 94.788



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 29.522, 91.836



91, 43.029, 90.842



78, 38.306, 116.957



41, 4.557, 95.163



53, 59.834, 82.379



10, 14.935, 86.370

Inverse Universe

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



61, 30.182, 281.881



72, 44.348, 283.500



58, 41.505, 302.176



39, 4.587, 277.491



25, 76.865, 299.733



3, 17.640, 283.765

Previews

White Background



This preview shows how the CIELCh color 74, 29.521, 91.831 looks on a white background.

Color Contrast Check

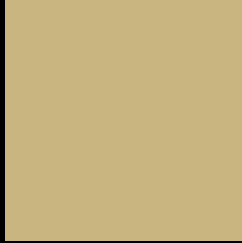
Large Text (above 18pt) WCAG AA × Fail

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 74, 29.521, 91.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

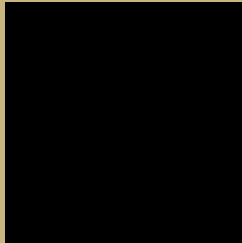
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 29.521, 91.831

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.521, 91.831.



This preview shows how white text looks on a background with the CIELCh color 74, 29.521, 91.831.

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, 29.521, 91.831

Protanopia

74, 29.487, 95.971

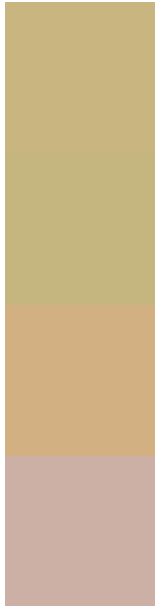
Deuteranopia

74, 30.345, 72.130



Tritanopia
74, 14.530, 349.398

Trichromacy



Original Color
74, 29.521, 91.831

Protanomaly
74, 29.578, 95.177

Deuteranomaly
74, 29.263, 78.492

Tritanomaly
74, 12.535, 48.265

Monochromacy



Original Color
74, 29.521, 91.831

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.604, 94.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 29.521, 91.831 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(200, 181, 128)` looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 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(200, 181, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.521, 91.831 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(200, 181, 128) }
```

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

```
.border{ border-color:rgb(200, 181, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 128);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.521, 91.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 128) }
```

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

```
.background{ background-color: rgb(200,  
181, 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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