

Converting Colors

CIELCh(74, 21.625, 77.737)

Have a look what the booklet for
CIELCh(74, 21.625, 77.737) contains.

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Color

CIELCh(74, 21.490, 77.512)

Conversions

Conversions Part 1

Format	Color
Hex	CDB290
RGB	205, 178, 144
RGB Percent	80%, 70%, 56%
CMY	0.1970, 0.3028, 0.4361
CMYK	0.00, 0.13, 0.30, 0.20
HSL	33°, 38%, 68%
HSV	33°, 30%, 80%
XYZ	46.0051, 46.7039, 32.8881
YIQ	182.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

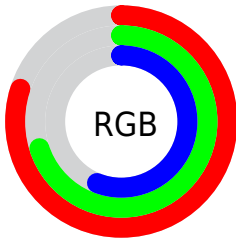
Format	Color
RYB	192, 205, 144
Decimal	13480592
CIELab	74.00, 4.65, 20.98
CIElCh	74, 21.490, 77.512
Yxy	46.7039, 0.3663, 0.3719
Android (android.graphics.Color)	4291670672 (0xFFCDB290)
YUV	182.1970, -18.8311, 19.9982
Hunter-Lab	68.3403, 0.5666, 19.3055

Details

The CIELCh color **74, 21.490, 77.512** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 20.376, 266.109**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.154, 85.300**, and **54, 21.616, 76.910** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.234, 76.172**, and if you desaturate by 10%, it is **77, 14.010, 78.834**.

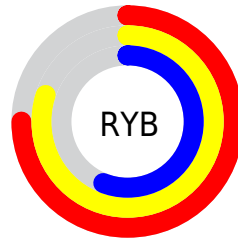
Distribution



Red (80%)

Green (70%)

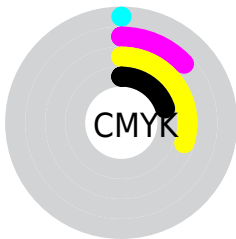
Blue (56%)



Red (75%)

Yellow (80%)

Blue (56%)

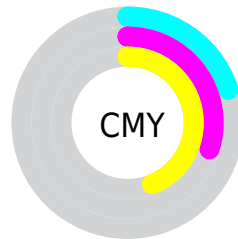


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.490, 77.512 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, 21.490, 77.512 by changing the saturation by 10% instead.

 74, 21.490, 77.512

 74, 21.490, 77.512

 100, 21.490,
77.512

 64, 21.490, 77.512

 94, 21.490, 77.512


 54, 21.490, 77.512

 44, 21.490, 77.512

 34, 21.490, 77.512

 24, 21.490, 77.512

 14, 21.490, 77.512

 4, 21.490, 77.512

 0, 21.490, 77.512

 74, 21.490, 77.512

 74, 21.490, 77.512

71, 29.234, 76.172

77, 14.010, 78.834

69, 37.200, 74.793

80, 6.798, 80.101

66, 45.280, 73.365

82, 0.157, 263.492

64, 53.239, 71.843

85, 6.874, 262.668

61, 60.618, 70.119

88, 13.375,
263.815

59, 66.642, 67.987

91, 14.689,
253.131

57, 70.800, 65.311

57, 70.891, 65.256

93, 13.808,
229.932

95, 15.187,
207.762

97, 16.635,
198.401

Harmonies

Complementary

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



74, 21.490, 77.512



69, 20.376, 266.109

Rectangle

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



74, 21.490, 77.512



74, 21.490, 127.512



74, 21.490, 257.512



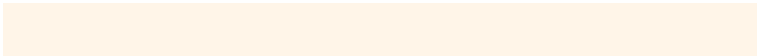
74, 21.490, 307.512

Sweetspot

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



74, 21.490, 77.519



97, 7.464, 80.182



66, 27.645, 349.354



51, 5.201, 80.002



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, 21.490, 77.519



88, 31.424, 76.623



81, 31.931, 109.505



42, 3.927, 80.148



47, 60.474, 65.846



9, 14.472, 65.299

Inverse Universe

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



69, 20.376, 266.109



81, 29.407, 267.519



62, 34.309, 295.464



41, 3.874, 262.677



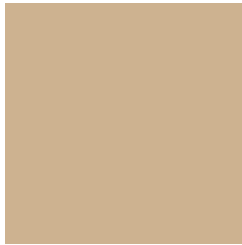
33, 58.035, 288.844



5, 16.231, 275.764

Previews

White Background



This preview shows how the CIELCh color 74, 21.490, 77.512 looks on a white background.

Color Contrast Check

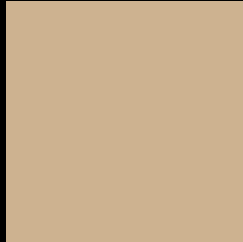
Large Text (above 18pt) WCAG AA × Fail

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, 21.490, 77.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

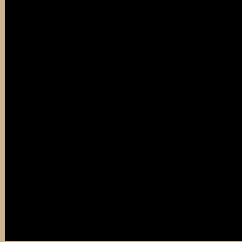
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.490, 77.512

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.490, 77.512.



This preview shows how white text looks on a background with the CIELCh color 74, 21.490, 77.512.

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, 21.490, 77.512

Protanopia

74, 19.854, 95.390

Deuteranopia

74, 22.790, 66.770



Tritanopia
74, 15.981, 354.876

Trichromacy



Original Color
74, 21.490, 77.512

Protanomaly
74, 20.093, 88.281

Deuteranomaly
74, 22.086, 70.754

Tritanomaly
74, 13.447, 29.643

Monochromacy



Original Color
74, 21.490, 77.512

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.526, 78.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.490, 77.512 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(205, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(205, 178, 144)  
}
```

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(205, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 178, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.490, 77.512 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(205, 178, 144) }
```

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

```
.border{ border-color:rgb(205, 178, 144) }
```

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

Here you see how a box with a 4 pixel rgb(205, 178, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(205, 178,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.490, 77.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 178, 144) }
```

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

```
.background{ background-color: rgb(205,  
178, 144) }
```

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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