

Converting Colors

CIELCh(77, 14.398, 101.256)

Have a look what the booklet for
CIELCh(77, 14.398, 101.256)
contains.

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Color

CIELCh(77, 14.534, 101.112)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFA4
RGB	196, 191, 164
RGB Percent	77%, 75%, 64%
CMY	0.2323, 0.2519, 0.3578
CMYK	0.00, 0.03, 0.16, 0.23
HSL	51°, 21%, 70%
HSV	51°, 16%, 77%
XYZ	47.9598, 51.5317, 42.4299
YIQ	189.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

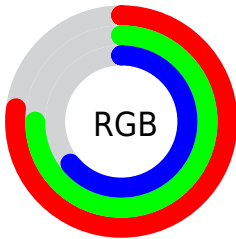
Format	Color
RYB	170, 196, 164
Decimal	12894116
CIELab	77.00, -2.80, 14.26
CIELCh	77, 14.534, 101.112
Yxy	51.5317, 0.3379, 0.3631
Android (android.graphics.Color)	4291084196 (0xFFC4BFA4)
YUV	189.4170, -12.5306, 5.7733
Hunter-Lab	71.7856, -6.3695, 15.2058

Details

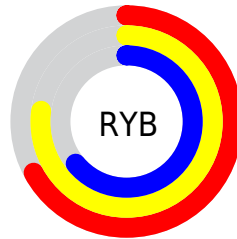
The CIELCh color $77, 14.534, 101.112$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 14.876, 284.910$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.406, 100.253$, and $57, 14.805, 101.901$ is the 20% darker color. If you saturate the color by 10%, you get $76, 23.452, 99.990$, and if you desaturate by 10%, it is $78, 5.623, 102.211$.

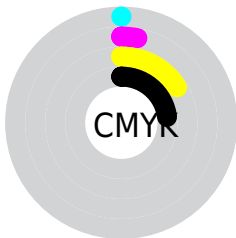
Distribution



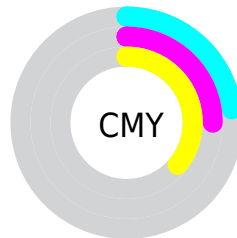
- Red (77%)
- Green (75%)
- Blue (64%)



- Red (67%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (23%)





- Cyan (23%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.534, 101.112 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 77, 14.534, 101.112 by changing the saturation by 10% instead.


 77, 14.534,
101.112


 77, 14.534,
101.112


 100, 14.534,
101.112


 67, 14.534,
101.112


 97, 14.534,
101.112

 57, 14.534,
101.112

 47, 14.534,
101.112

 37, 14.534,
101.112

 27, 14.534,
101.112

 17, 14.534,
101.112

 7, 14.534, 101.112

0, 14.534, 101.112

77, 14.534,
101.112

77, 14.534,
101.112

76, 23.452, 99.990

78, 5.623, 102.211

75, 32.308, 98.841

80, 3.248, 283.347

74, 40.992, 97.684

81, 12.058,
284.351

73, 49.317, 96.529

82, 20.795,
285.337

72, 56.976, 95.384

71, 63.509, 94.253

83, 25.990,
285.030

70, 68.318, 93.123

84, 24.461,
282.056

69, 70.901, 91.962

85, 23.005,

■ 69, 71.558, 91.534 278.714

■ 86, 21.637,
274.956

■ 87, 20.372,
270.733

Harmonies

Complementary

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



77, 14.534, 101.112



70, 14.876, 284.910

Rectangle

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



77, 14.534, 101.112



77, 14.534, 151.112



77, 14.534, 281.112



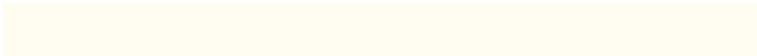
77, 14.534, 331.112

Sweetspot

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



77, 14.535, 101.119



99, 5.491, 102.343



70, 12.692, 7.360



53, 3.748, 102.269



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 14.535, 101.119



97, 22.062, 100.674



78, 17.536, 122.164



40, 4.992, 101.888



57, 61.882, 91.719



10, 15.329, 96.695

Inverse Universe

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



70, 14.876, 284.910



86, 22.710, 285.472



69, 18.067, 303.999



38, 5.063, 284.008



21, 85.822, 303.491



2, 17.344, 286.585

Previews

White Background



This preview shows how the CIELCh color 77, 14.534, 101.112 looks on a white background.

Color Contrast Check

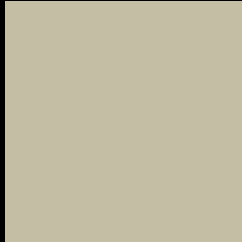
Large Text (above 18pt) WCAG AA × Fail

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 77, 14.534, 101.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

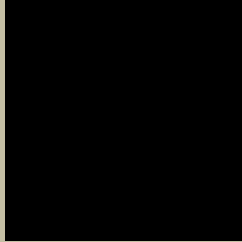
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

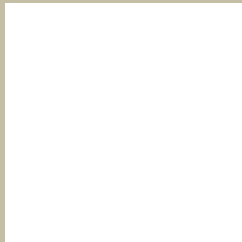
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.534, 101.112

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.534, 101.112.



This preview shows how white text looks on a background with the CIELCh color 77, 14.534, 101.112.

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


77, 14.534, 101.112

Protanopia

77, 14.938, 93.597

Deuteranopia

77, 16.653, 55.315



Tritanopia
77, 9.352, 326.675

Trichromacy



Original Color
77, 14.534, 101.112

Protanomaly
77, 14.750, 96.557

Deuteranomaly
77, 14.477, 70.378

Tritanomaly
77, 4.148, 27.006

Monochromacy



Original Color
77, 14.534, 101.112

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.358, 105.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.534, 101.112 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(196, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 164)  
}
```

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(196, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.534, 101.112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

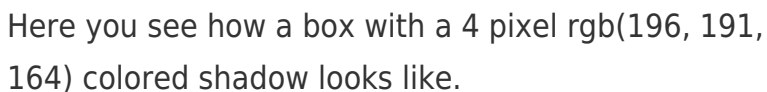
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 191, 164) }
```

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

```
.border{ border-color:rgb(196, 191, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 191, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 191, 164); box-shadow:4px 4px 4px 4px rgb(196, 191, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.534, 101.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 164) }
```

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

```
.background{ background-color: rgb(196,  
191, 164) }
```

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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