

Converting Colors

CIELCh(77, 15.538, 100.316)

Have a look what the booklet for
CIELCh(77, 15.538, 100.316)
contains.

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Color

CIELCh(77, 15.590, 101.511)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFA2
RGB	196, 191, 162
RGB Percent	77%, 75%, 64%
CMY	0.2319, 0.2514, 0.3652
CMYK	0.00, 0.03, 0.17, 0.23
HSL	51°, 22%, 70%
HSV	51°, 17%, 77%
XYZ	47.8478, 51.5317, 41.5517
YIQ	189.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

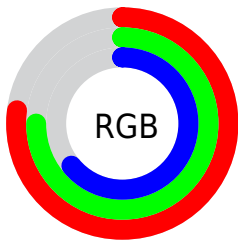
Format	Color
RYB	168, 196, 162
Decimal	12894114
CIELab	77.00, -3.11, 15.28
CIELCh	77, 15.590, 101.511
Yxy	51.5317, 0.3395, 0.3657
Android (android.graphics.Color)	4291084194 (0xFFC4BFA2)
YUV	189.1890, -13.4042, 5.9732
Hunter-Lab	71.7856, -6.6478, 15.9311

Details

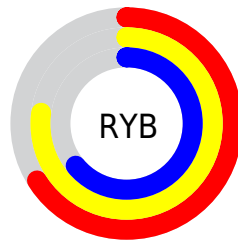
The CIELCh color $77, 15.590, 101.511$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $69, 15.997, 285.531$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 15.412, 100.731$, and $57, 15.924, 102.197$ is the 20% darker color. If you saturate the color by 10%, you get $76, 24.584, 100.397$, and if you desaturate by 10%, it is $78, 6.591, 102.607$.

Distribution



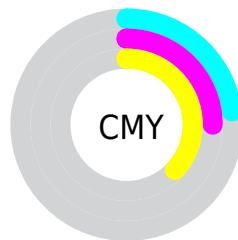
- Red (77%)
- Green (75%)
- Blue (64%)



- Red (66%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (23%)





- Cyan (23%)
- Magenta (25%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.590, 101.511 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, 15.590, 101.511 by changing the saturation by 10% instead.


 77, 15.590,
101.511


 77, 15.590,
101.511


 100, 15.590,
101.511


 67, 15.590,
101.511


 97, 15.590,
101.511

 57, 15.590,
101.511

 47, 15.590,
101.511

 37, 15.590,
101.511

 27, 15.590,
101.511

 17, 15.590,
101.511

 7, 15.590, 101.511

0, 15.590, 101.511

77, 15.590,
101.511

77, 15.590,
101.511

76, 24.584,
100.397

78, 6.591, 102.607

75, 33.497, 99.259

79, 2.377, 283.747

74, 42.212, 98.116

81, 11.289,
284.735

73, 50.527, 96.981

82, 20.132,
285.719

72, 58.119, 95.862

83, 26.382,
285.810

71, 64.509, 94.764

70, 69.099, 93.678

84, 24.923,
283.103

69, 71.481, 92.576

85, 23.525,

■ 69, 71.956, 92.285 280.083

■ 85, 22.200,
276.709

■ 86, 20.960,
272.941

Harmonies

Complementary

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



77, 15.590, 101.511



69, 15.997, 285.531

Rectangle

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



77, 15.590, 101.511



77, 15.590, 151.511



77, 15.590, 281.511



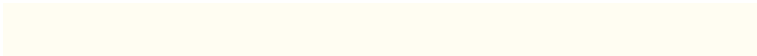
77, 15.590, 331.511

Sweetspot

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



77, 15.591, 101.518



99, 5.544, 102.844



70, 13.472, 8.761



53, 3.784, 102.771



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, 15.591, 101.518



97, 23.380, 101.075



77, 18.685, 122.749



40, 5.040, 102.392



58, 62.196, 92.457



10, 15.508, 97.416

Inverse Universe

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



69, 15.997, 285.531



85, 24.138, 286.099



69, 19.273, 304.654



38, 5.115, 284.496



21, 86.533, 303.732



2, 17.466, 286.883

Previews

White Background



This preview shows how the CIELCh color 77, 15.590, 101.511 looks on a white background.

Color Contrast Check

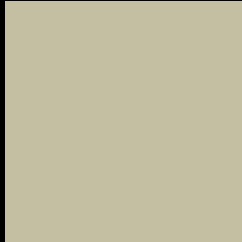
Large Text (above 18pt) WCAG AA × Fail

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, 15.590, 101.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

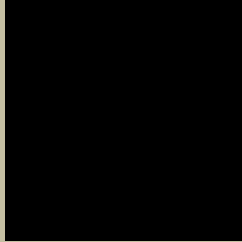
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

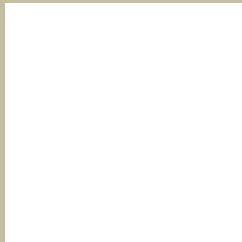
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 15.590, 101.511

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.590, 101.511.



This preview shows how white text looks on a background with the CIELCh color 77, 15.590, 101.511.

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, 15.590, 101.511

Protanopia

77, 15.972, 94.452

Deuteranopia

77, 17.673, 57.208



Tritanopia
77, 10.007, 326.584

Trichromacy



Original Color
77, 15.590, 101.511

Protanomaly
77, 15.879, 95.838

Deuteranomaly
77, 15.596, 71.515

Tritanomaly
77, 4.529, 26.428

Monochromacy



Original Color
77, 15.590, 101.511

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.925, 102.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.590, 101.511 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.590, 101.511 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, 162) }
```

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

```
.border{ border-color:rgb(196, 191, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.590, 101.511 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, 162) }
```

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

```
.background{ background-color: rgb(196,  
191, 162) }
```

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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