

Converting Colors

CIELCh(77, 15.344, 51.583)

Have a look what the booklet for
CIELCh(77, 15.344, 51.583) contains.

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Color

CIELCh(77, 15.344, 51.583)

Conversions

Conversions Part 1

Format	Color
Hex	D8B7A8
RGB	216, 183, 168
RGB Percent	85%, 72%, 66%
CMY	0.1513, 0.2808, 0.3397
CMYK	0.00, 0.15, 0.22, 0.15
HSL	19°, 38%, 75%
HSV	19°, 22%, 85%
XYZ	52.5581, 51.5317, 44.4112
YIQ	191.1570, 24.4830, 2.3310

Conversions

Conversions Part 2

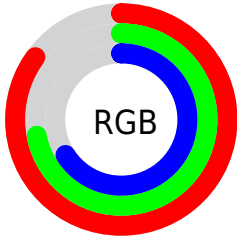
Format	Color
R _Y B	216, 190, 168
Decimal	14202792
CIE Lab	77.00, 9.53, 12.02
CIE LCh	77, 15.344, 51.583
Yxy	51.5317, 0.3539, 0.3470
Android (android.graphics.Color)	4292392872 (0xFFD8B7A8)
YUV	191.1570, -11.4164, 21.7873
Hunter-Lab	71.7856, 5.0645, 13.5693

Details

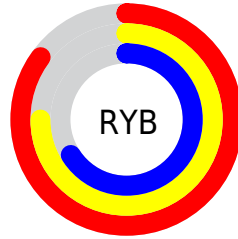
The CIELCh color **77, 15.344, 51.583** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79, 13.531, 235.251**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.061, 73.829**, and **57, 15.500, 51.133** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.127, 51.038**, and if you desaturate by 10%, it is **81, 8.118, 52.203**.

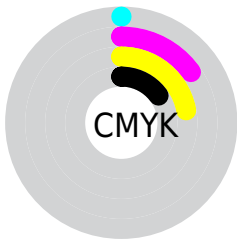
Distribution



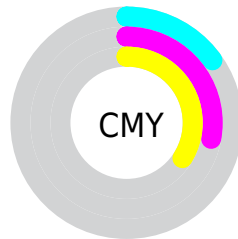
- Red (85%)
- Green (72%)
- Blue (66%)



- Red (85%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 15.344, 51.583 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, 15.344, 51.583 by changing the saturation by 10% instead.

77, 15.344, 51.583

77, 15.344, 51.583

100, 15.344,
51.583

67, 15.344, 51.583

97, 15.344, 51.583

57, 15.344, 51.583

47, 15.344, 51.583

37, 15.344, 51.583

27, 15.344, 51.583

17, 15.344, 51.583

7, 15.344, 51.583

0, 15.344, 51.583

77, 15.344, 51.583

77, 15.344, 51.583

73, 23.127, 51.038

81, 8.118, 52.203

69, 31.503, 50.572

86, 1.403, 52.586

65, 40.470, 50.212

90, 4.853, 233.802

61, 49.965, 49.959

94, 10.703,
234.493

58, 59.790, 49.763

97, 12.961,
198.640

55, 69.471, 49.467

52, 77.986, 48.695

50, 83.291, 47.689

Harmonies

Complementary

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



77, 15.344, 51.583



79, 13.531, 235.251

Rectangle

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



77, 15.344, 51.583



77, 15.344, 101.583



77, 15.344, 231.583



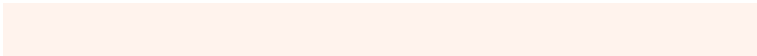
77, 15.344, 281.583

Sweetspot

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



77, 15.343, 51.593



97, 5.225, 52.504



74, 25.254, 335.846



51, 3.402, 52.471



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, 15.343, 51.593



87, 21.744, 51.303



83, 20.516, 97.831



43, 3.710, 52.371



40, 69.416, 48.244



7, 18.199, 38.888

Inverse Universe

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



79, 13.531, 235.251



90, 18.562, 235.895



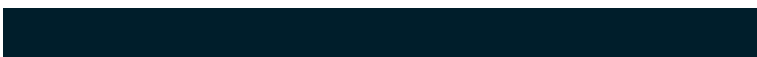
73, 21.028, 283.352



43, 3.532, 233.964



47, 36.912, 258.102



10, 13.352, 247.090

Previews

White Background



This preview shows how the CIELCh color 77, 15.344, 51.583 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, 15.344, 51.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

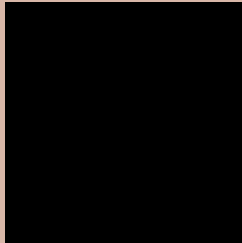
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 15.344, 51.583

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.344, 51.583.

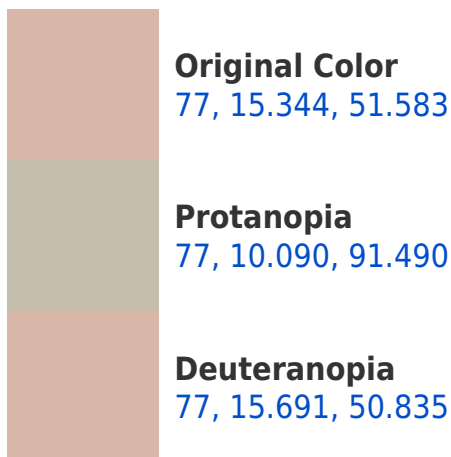



This preview shows how white text looks on a background with the CIELCh color 77, 15.344, 51.583.

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





Tritanopia
77, 16.408, 353.730

Trichromacy



Original Color
77, 15.344, 51.583

Protanomaly
77, 11.241, 73.361

Deuteranomaly
77, 15.691, 50.835

Tritanomaly
77, 14.258, 12.002

Monochromacy



Original Color
77, 15.344, 51.583

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 5.542, 54.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.344, 51.583 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(216, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 183, 168)  
}
```

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(216, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 183, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.344, 51.583 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(216, 183, 168) }
```

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

```
.border{ border-color:rgb(216, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 183,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.344, 51.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 183, 168) }
```

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

```
.background{ background-color: rgb(216,  
183, 168) }
```

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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