

Converting Colors

CIELCh(77, 16.874, 59.056)

Have a look what the booklet for
CIELCh(77, 16.874, 59.056) contains.

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Color

CIELCh(77, 16.692, 59.697)

Conversions

Conversions Part 1

Format	Color
Hex	D8B8A4
RGB	216, 184, 164
RGB Percent	85%, 72%, 64%
CMY	0.1531, 0.2786, 0.3570
CMYK	0.00, 0.15, 0.24, 0.15
HSL	23°, 40%, 74%
HSV	23°, 24%, 85%
XYZ	52.1320, 51.5317, 42.2995
YIQ	191.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

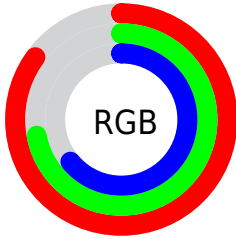
Format	Color
RYB	216, 197, 164
Decimal	14203044
CIELab	77.00, 8.42, 14.41
CIELCh	77, 16.692, 59.697
Yxy	51.5317, 0.3572, 0.3530
Android (android.graphics.Color)	4292393124 (0xFFD8B8A4)
YUV	191.2880, -13.4530, 21.6724
Hunter-Lab	71.7856, 4.0049, 15.3135

Details

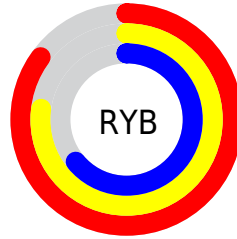
The CIELCh color **77, 16.692, 59.697** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77, 14.920, 245.070**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.071, 82.026**, and **57, 16.940, 59.529** is the 20% darker color. If you saturate the color by 10%, you get **73, 24.435, 58.812**, and if you desaturate by 10%, it is **81, 9.442, 60.626**.

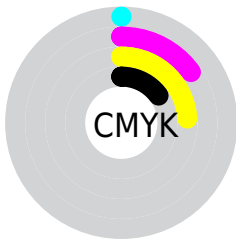
Distribution



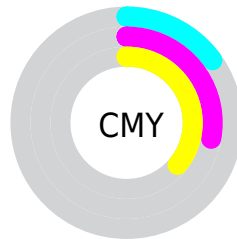
- Red (85%)
- Green (72%)
- Blue (64%)



- Red (85%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 16.692, 59.697 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, 16.692, 59.697 by changing the saturation by 10% instead.

77, 16.692, 59.697

77, 16.692, 59.697

100, 16.692,
59.697

67, 16.692, 59.697

97, 16.692, 59.697

57, 16.692, 59.697

47, 16.692, 59.697

37, 16.692, 59.697

27, 16.692, 59.697

17, 16.692, 59.697

7, 16.692, 59.697

0, 16.692, 59.697

77, 16.692, 59.697

77, 16.692, 59.697

73, 24.435, 58.812

81, 9.442, 60.626

70, 32.692, 57.964

85, 2.645, 61.460

66, 41.447, 57.167

89, 3.742, 242.745

63, 50.610, 56.402

93, 9.766, 243.639

60, 59.932, 55.599

96, 11.737,
210.389

57, 68.847, 54.571

97, 13.108,
198.631

54, 76.280, 52.934

53, 79.888, 51.748

Harmonies

Complementary

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



77, 16.692, 59.697



77, 14.920, 245.070

Rectangle

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



77, 16.692, 59.697



77, 16.692, 109.697



77, 16.692, 239.697



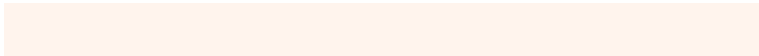
77, 16.692, 289.697

Sweetspot

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



77, 16.692, 59.707



97, 5.251, 61.248



73, 25.847, 339.746



51, 3.418, 61.197



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, 16.692, 59.707



87, 23.412, 59.237



84, 24.135, 102.392



43, 3.724, 61.047



42, 66.725, 52.370



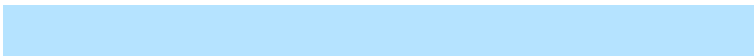
8, 17.510, 45.989

Inverse Universe

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



77, 14.920, 245.070



88, 20.358, 245.927



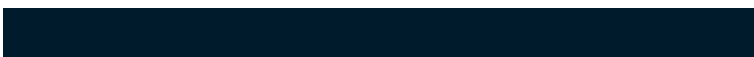
71, 25.159, 288.036



43, 3.580, 243.121



43, 42.143, 269.858



9, 14.522, 258.466

Previews

White Background



This preview shows how the CIELCh color 77, 16.692, 59.697 looks on a white background.

Color Contrast Check

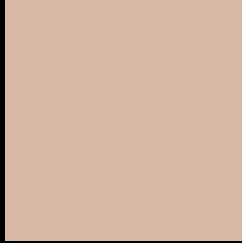
Large Text (above 18pt) WCAG AA × Fail

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, 16.692, 59.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

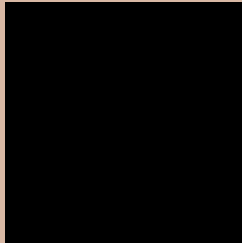
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 16.692, 59.697

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.692, 59.697.

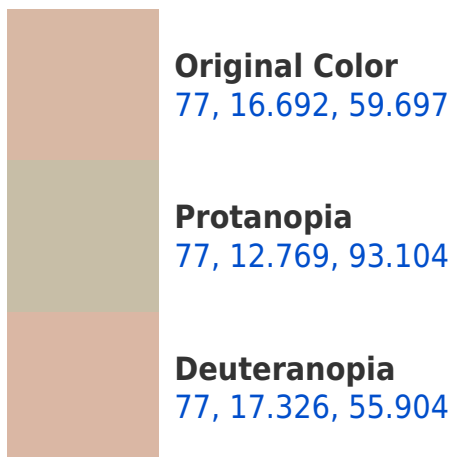



This preview shows how white text looks on a background with the CIELCh color 77, 16.692, 59.697.

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, 16.692, 59.697

Protanomaly
77, 13.533, 79.577

Deuteranomaly
77, 16.996, 56.688

Tritanomaly
77, 14.198, 16.273

Monochromacy



Original Color
77, 16.692, 59.697

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.880, 59.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.692, 59.697 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, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 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(216, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.692, 59.697 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, 184, 164) }
```

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

```
.border{ border-color:rgb(216, 184, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.692, 59.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 164) }
```

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

```
.background{ background-color: rgb(216,  
184, 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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