

Converting Colors

CIELCh(77, 28.267, 94.411)

Have a look what the booklet for
CIELCh(77, 28.267, 94.411) contains.

CIELCh(77, 28.329, 95.027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 28.329, 95.027)

Conversions

Conversions Part 1

Format	Color
Hex	CDBE8A
RGB	205, 190, 138
RGB Percent	80%, 75%, 54%
CMY	0.1968, 0.2556, 0.4595
CMYK	0.00, 0.07, 0.33, 0.20
HSL	47°, 40%, 67%
HSV	47°, 33%, 80%
XYZ	48.0751, 51.5317, 31.3923
YIQ	188.5570, 25.6320, -12.9920

Conversions

Conversions Part 2

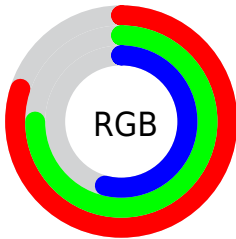
Format	Color
RYB	157, 205, 138
Decimal	13483658
CIELab	77.00, -2.48, 28.22
CIELCh	77, 28.329, 95.027
Yxy	51.5317, 0.3670, 0.3934
Android (android.graphics.Color)	4291673738 (0xFFCDBE8A)
YUV	188.5570, -24.9246, 14.4205
Hunter-Lab	71.7856, -6.0827, 24.3220

Details

The CIELCh color **77, 28.329, 95.027** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 29.251, 283.739**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 27.618, 100.879**, and **57, 28.677, 95.147** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.003, 93.775**, and if you desaturate by 10%, it is **79, 19.611, 96.261**.

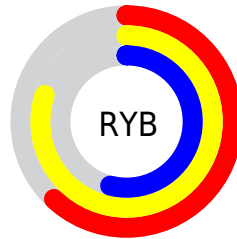
Distribution



Red (80%)

Green (75%)

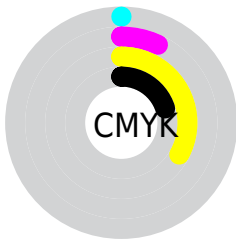
Blue (54%)



Red (62%)

Yellow (80%)

Blue (54%)

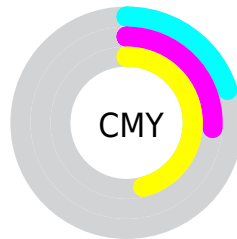


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 28.329, 95.027 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, 28.329, 95.027 by changing the saturation by 10% instead.

■ 77, 28.329, 95.027

■ 77, 28.329, 95.027

■ 100, 28.329,
95.027

■ 67, 28.329, 95.027

■ 97, 28.329, 95.027

■ 57, 28.329, 95.027

■ 47, 28.329, 95.027

■ 37, 28.329, 95.027

■ 27, 28.329, 95.027

■ 17, 28.329, 95.027

■ 7, 28.329, 95.027

■ 0, 28.329, 95.027

■ 77, 28.329, 95.027

■ 77, 28.329, 95.027

75, 37.003, 93.775

79, 19.611, 96.261

74, 45.490, 92.496

80, 10.923, 97.453

73, 53.548, 91.192

82, 2.306, 98.556

71, 60.775, 89.851

84, 6.219, 279.779

70, 66.572, 88.437

85, 14.644,
280.836

69, 70.245, 86.879

87, 20.046,
279.969

68, 71.684, 85.642

88, 18.019,
273.388

89, 16.282,
265.337

90, 14.930,
255.672

Harmonies

Complementary

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



77, 28.329, 95.027



64, 29.251, 283.739

Rectangle

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



77, 28.329, 95.027



77, 28.329, 145.027



77, 28.329, 275.027



77, 28.329, 325.027

Sweetspot

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



77, 28.330, 95.032



98, 10.255, 97.753



64, 27.812, 4.496



52, 7.003, 97.588



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, 28.330, 95.032



92, 40.382, 94.181



80, 35.758, 118.547



42, 4.851, 97.837



56, 61.329, 85.941



11, 17.080, 89.883

Inverse Universe

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



64, 29.251, 283.739



74, 42.094, 285.076



61, 38.316, 302.955



40, 4.899, 280.098



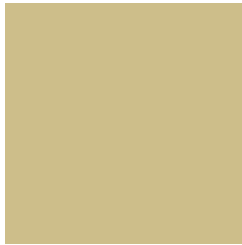
24, 81.914, 301.388



3, 19.932, 286.188

Previews

White Background



This preview shows how the CIELCh color 77, 28.329, 95.027 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, 28.329, 95.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

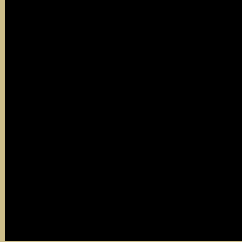
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 28.329, 95.027

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.329, 95.027.



This preview shows how white text looks on a background with the CIELCh color 77, 28.329, 95.027.

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, 28.329, 95.027

Protanopia

77, 28.238, 95.843

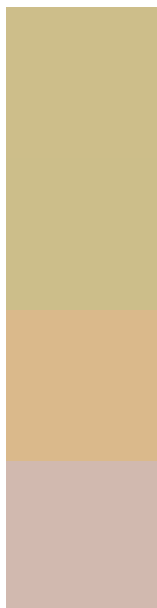
Deuteranopia

77, 29.424, 70.637



Tritanopia
77, 13.455, 346.704

Trichromacy



Original Color
77, 28.329, 95.027

Protanomaly
77, 28.238, 95.843

Deuteranomaly
77, 28.276, 78.991

Tritanomaly
77, 10.727, 49.797

Monochromacy



Original Color
77, 28.329, 95.027

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.338, 98.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.329, 95.027 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, 190, 138)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 138)  
}
```

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, 190, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.329, 95.027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

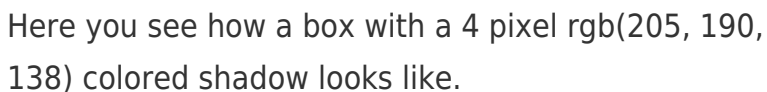
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 190, 138) }
```

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

```
.border{ border-color:rgb(205, 190, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 190, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 190, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 190, 138); box-shadow:4px 4px 4px 4px rgb(205, 190, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.329, 95.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 138) }
```

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

```
.background{ background-color: rgb(205,  
190, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor