

Converting Colors

CIELCh(77, 22.837, 95.977)

Have a look what the booklet for
CIELCh(77, 22.837, 95.977) contains.

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Color

CIELCh(77, 22.898, 95.874)

Conversions

Conversions Part 1

Format	Color
Hex	CABE94
RGB	202, 190, 148
RGB Percent	79%, 75%, 58%
CMY	0.2078, 0.2548, 0.4195
CMYK	0.00, 0.06, 0.27, 0.21
HSL	47°, 34%, 69%
HSV	47°, 27%, 79%
XYZ	48.1254, 51.5317, 35.4334
YIQ	188.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

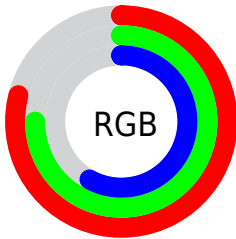
Format	Color
R _Y B	163, 202, 148
Decimal	13287060
CIE Lab	77.00, -2.34, 22.78
CIE LCh	77, 22.898, 95.874
Yxy	51.5317, 0.3562, 0.3815
Android (android.graphics.Color)	4291477140 (0xFFCABE94)
YUV	188.8000, -20.1144, 11.5764
Hunter-Lab	71.7856, -5.9576, 20.9843

Details

The CIELCh color **77, 22.898, 95.874** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 23.485, 282.767**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 22.616, 99.794**, and **57, 22.989, 96.521** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.526, 94.642**, and if you desaturate by 10%, it is **79, 14.277, 97.085**.

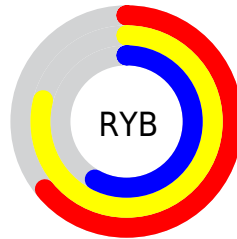
Distribution



Red (79%)

Green (75%)

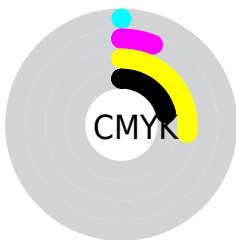
Blue (58%)



Red (64%)

Yellow (79%)

Blue (58%)

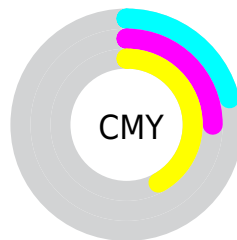


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 22.898, 95.874 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, 22.898, 95.874 by changing the saturation by 10% instead.

■ 77, 22.898, 95.874

■ 77, 22.898, 95.874

■ 100, 22.898,
95.874

■ 67, 22.898, 95.874

■ 97, 22.898, 95.874

■ 57, 22.898, 95.874

■ 47, 22.898, 95.874

■ 37, 22.898, 95.874

■ 27, 22.898, 95.874

■ 17, 22.898, 95.874

■ 7, 22.898, 95.874

■ 0, 22.898, 95.874

■ 77, 22.898, 95.874

■ 77, 22.898, 95.874

75, 31.526, 94.642

79, 14.277, 97.085

74, 40.058, 93.379

80, 5.710, 98.243

73, 48.324, 92.095

82, 2.772, 279.469

71, 56.026, 90.784

84, 11.160,
280.513

70, 62.691, 89.426

85, 19.447,
281.549

69, 67.666, 87.975

87, 20.395,
277.956

67, 70.361, 86.352

67, 71.000, 85.806

88, 18.479,
271.449

89, 16.847,
263.620

90, 15.586,
254.388

Harmonies

Complementary

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



77, 22.898, 95.874



66, 23.485, 282.767

Rectangle

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



77, 22.898, 95.874



77, 22.898, 145.874



77, 22.898, 275.874



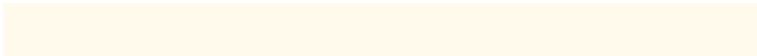
77, 22.898, 325.874

Sweetspot

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



77, 22.899, 95.880



98, 8.208, 98.088



67, 22.232, 3.633



52, 5.839, 97.914



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, 22.899, 95.880



94, 33.164, 95.177



79, 29.006, 118.913



42, 4.860, 97.941



56, 61.368, 86.084



12, 17.109, 90.030

Inverse Universe

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



66, 23.485, 282.767



78, 34.245, 283.781



64, 30.643, 302.435



40, 4.908, 280.199



24, 82.073, 301.448



3, 19.957, 286.242

Previews

White Background



This preview shows how the CIELCh color 77, 22.898, 95.874 looks on a white background.

Color Contrast Check

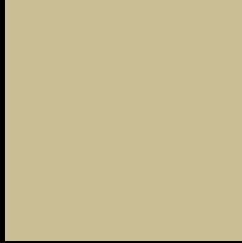
Large Text (above 18pt) WCAG AA × Fail

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, 22.898, 95.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

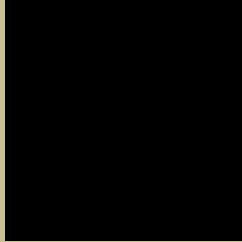
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 22.898, 95.874

Background



This preview shows how black text looks on a background with the CIELCh color 77, 22.898, 95.874.



This preview shows how white text looks on a background with the CIELCh color 77, 22.898, 95.874.

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, 22.898, 95.874

Protanopia

77, 22.989, 94.886

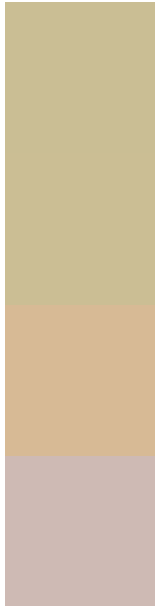
Deuteranopia

77, 23.971, 66.981



Tritanopia
77, 12.278, 339.517

Trichromacy



Original Color
77, 22.898, 95.874

Protanomaly
77, 22.989, 94.886

Deuteranomaly
77, 23.136, 77.687

Tritanomaly
77, 8.284, 42.632

Monochromacy



Original Color
77, 22.898, 95.874

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.241, 96.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 22.898, 95.874 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(202, 190, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 190, 148)  
}
```

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(202, 190, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 190, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 22.898, 95.874 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(202, 190, 148) }
```

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

```
.border{ border-color:rgb(202, 190, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 190, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 190, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 190, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 190,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 22.898, 95.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 190, 148) }
```

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

```
.background{ background-color: rgb(202,  
190, 148) }
```

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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