

Converting Colors

CIELCh(77, 22.755, 88.366)

Have a look what the booklet for
CIELCh(77, 22.755, 88.366) contains.

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Color

CIELCh(77, 22.731, 88.383)

Conversions

Conversions Part 1

Format	Color
Hex	CFBC94
RGB	207, 188, 148
RGB Percent	81%, 74%, 58%
CMY	0.1872, 0.2617, 0.4186
CMYK	0.00, 0.09, 0.28, 0.19
HSL	41°, 38%, 70%
HSV	41°, 28%, 81%
XYZ	49.2149, 51.5317, 35.4766
YIQ	189.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

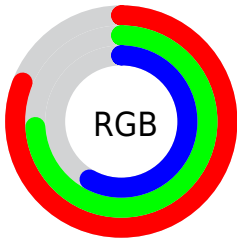
Format	Color
RYB	176, 207, 148
Decimal	13614228
CIELab	77.00, 0.64, 22.72
CIElCh	77, 22.731, 88.383
Yxy	51.5317, 0.3613, 0.3783
Android (android.graphics.Color)	4291804308 (0xFFCFBC94)
YUV	189.1210, -20.2727, 15.6799
Hunter-Lab	71.7856, -3.2486, 20.9487

Details

The CIELCh color $77, 22.731, 88.383$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68, 22.678, 276.332$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 21.781, 97.502$, and $57, 22.813, 88.491$ is the 20% darker color. If you saturate the color by 10%, you get $75, 30.967, 87.042$, and if you desaturate by 10%, it is $79, 14.608, 89.695$.

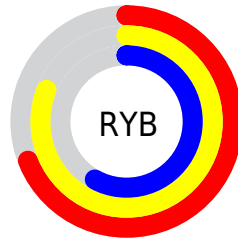
Distribution



Red (81%)

Green (74%)

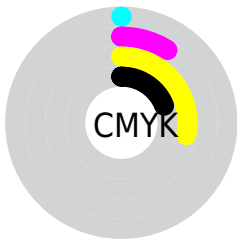
Blue (58%)



Red (69%)

Yellow (81%)

Blue (58%)

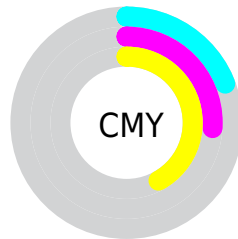


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 22.731, 88.383 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, 22.731, 88.383 by changing the saturation by 10% instead.

■ 77, 22.731, 88.383

■ 77, 22.731, 88.383

■ 100, 22.731,
88.383

■ 67, 22.731, 88.383

■ 97, 22.731, 88.383

■ 57, 22.731, 88.383

■ 47, 22.731, 88.383

■ 37, 22.731, 88.383

■ 27, 22.731, 88.383

■ 17, 22.731, 88.383

■ 7, 22.731, 88.383

■ 0, 22.731, 88.383

■ 77, 22.731, 88.383

■ 77, 22.731, 88.383

75, 30.967, 87.042

79, 14.608, 89.695

73, 39.236, 85.653

81, 6.629, 90.944

71, 47.387, 84.215

84, 1.194, 272.405

69, 55.134, 82.701

86, 8.861, 273.407

67, 61.986, 81.048

88, 16.380,
274.519

65, 67.210, 79.137

90, 15.339,
264.293

64, 70.233, 76.833

64, 70.642, 76.478

92, 13.640,
248.654

93, 13.146,
230.481

95, 13.961,
212.868

Harmonies

Complementary

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



77, 22.731, 88.383



68, 22.678, 276.332

Rectangle

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



77, 22.731, 88.383



77, 22.731, 138.383



77, 22.731, 268.383



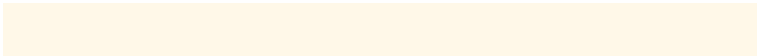
77, 22.731, 318.383

Sweetspot

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



77, 22.732, 88.389



98, 8.337, 90.868



68, 25.151, 356.740



52, 5.803, 90.688



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, 22.732, 88.389



91, 32.279, 87.594



81, 31.109, 114.642



43, 4.476, 90.830



52, 60.526, 76.920



11, 16.936, 79.876

Inverse Universe

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



68, 22.678, 276.332



79, 32.209, 277.493



64, 33.190, 299.201



41, 4.480, 273.271



28, 72.416, 296.969



4, 19.921, 283.637

Previews

White Background



This preview shows how the CIELCh color 77, 22.731, 88.383 looks on a white background.

Color Contrast Check

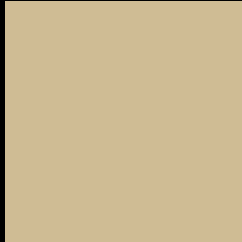
Large Text (above 18pt) WCAG AA × Fail

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, 22.731, 88.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

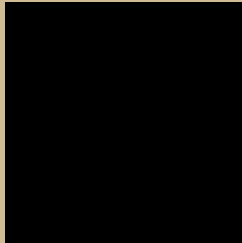
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 22.731, 88.383

Background



This preview shows how black text looks on a background with the CIELCh color 77, 22.731, 88.383.



This preview shows how white text looks on a background with the CIELCh color 77, 22.731, 88.383.

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, 22.731, 88.383

Protanopia

77, 22.473, 94.649

Deuteranopia

77, 24.392, 67.721



Tritanopia
77, 13.767, 347.618

Trichromacy



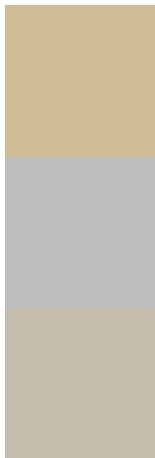
Original Color
77, 22.731, 88.383

Protanomaly
77, 22.310, 91.347

Deuteranomaly
77, 23.387, 74.522

Tritanomaly
77, 10.719, 34.551

Monochromacy



Original Color
77, 22.731, 88.383

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.449, 90.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 22.731, 88.383 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(207, 188, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 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(207, 188, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 22.731, 88.383 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(207, 188, 148) }
```

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

```
.border{ border-color:rgb(207, 188, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 148);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 22.731, 88.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 148) }
```

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

```
.background{ background-color: rgb(207,  
188, 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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