

Converting Colors

CIELCh(77, 19.400, 92.896)

Have a look what the booklet for
CIELCh(77, 19.400, 92.896) contains.

CIELCh(77, 19.400, 92.896)	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, 19.400, 92.896)

Conversions

Conversions Part 1

Format	Color
Hex	CABD9A
RGB	202, 189, 154
RGB Percent	79%, 74%, 60%
CMY	0.2062, 0.2572, 0.3945
CMYK	0.00, 0.06, 0.24, 0.21
HSL	44°, 31%, 70%
HSV	44°, 24%, 79%
XYZ	48.6210, 51.5317, 38.1282
YIQ	188.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

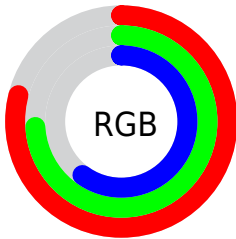
Format	Color
RYB	172, 202, 154
Decimal	13286810
CIELab	77.00, -0.98, 19.38
CIELCh	77, 19.400, 92.896
Yxy	51.5317, 0.3516, 0.3727
Android (android.graphics.Color)	4291476890 (0xFFCABD9A)
YUV	188.8970, -17.2042, 11.4913
Hunter-Lab	71.7856, -4.7253, 18.7586

Details

The CIELCh color **77, 19.400, 92.896** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 19.619, 279.150**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.699, 97.207**, and **57, 19.289, 93.684** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.730, 91.620**, and if you desaturate by 10%, it is **79, 11.145, 94.144**.

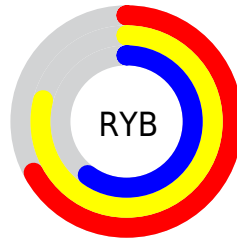
Distribution



Red (79%)

Green (74%)

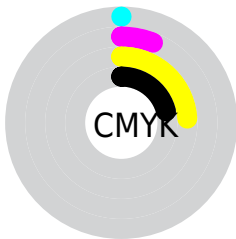
Blue (60%)



Red (67%)

Yellow (79%)

Blue (60%)

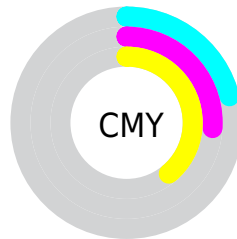


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (21%)



Cyan (21%)

Magenta (26%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 19.400, 92.896 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, 19.400, 92.896 by changing the saturation by 10% instead.

■ 77, 19.400, 92.896

■ 77, 19.400, 92.896

■ 100, 19.400,
92.896

■ 67, 19.400, 92.896

■ 97, 19.400, 92.896

■ 57, 19.400, 92.896

■ 47, 19.400, 92.896

■ 37, 19.400, 92.896

■ 27, 19.400, 92.896

■ 17, 19.400, 92.896

■ 7, 19.400, 92.896

■ 0, 19.400, 92.896

■ 77, 19.400, 92.896

■ 77, 19.400, 92.896

75, 27.730, 91.620

79, 11.145, 94.144

73, 36.065, 90.302

81, 2.996, 95.302

72, 44.278, 88.950

83, 5.035, 276.572

70, 52.137, 87.552

85, 12.943,
277.661

69, 59.242, 86.082

87, 20.427,
278.475

67, 64.984, 84.477

66, 68.627, 82.626

88, 18.096,
270.426

65, 70.004, 81.348

89, 16.213,
260.353

91, 14.934,
248.214

92, 14.410,
234.627

Harmonies

Complementary

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



77, 19.400, 92.896



69, 19.619, 279.150

Rectangle

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



77, 19.400, 92.896



77, 19.400, 142.896



77, 19.400, 272.896



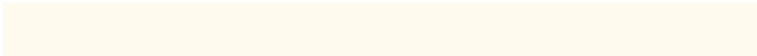
77, 19.400, 322.896

Sweetspot

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



77, 19.401, 92.903



98, 6.819, 94.932



69, 19.992, 359.609



52, 4.433, 94.861



0, 0.000, 0.000



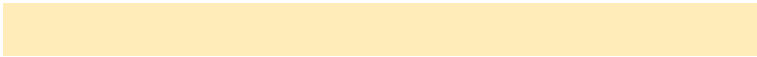
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 19.401, 92.903



94, 27.695, 92.310



80, 25.640, 117.063



42, 4.620, 94.663



54, 60.403, 81.704



11, 16.277, 85.378

Inverse Universe

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



69, 19.619, 279.150



82, 28.081, 279.958



66, 26.972, 300.449



40, 4.647, 277.011



26, 77.097, 299.460



3, 19.211, 284.580

Previews

White Background



This preview shows how the CIELCh color 77, 19.400, 92.896 looks on a white background.

Color Contrast Check

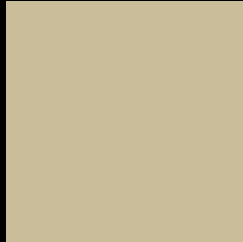
Large Text (above 18pt) WCAG AA × Fail

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, 19.400, 92.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

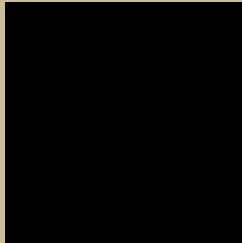
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.400, 92.896

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.400, 92.896.



This preview shows how white text looks on a background with the CIELCh color 77, 19.400, 92.896.

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, 19.400, 92.896

Protanopia

77, 19.178, 95.220

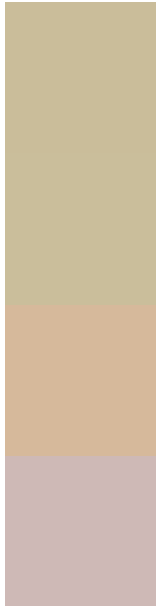
Deuteranopia

77, 20.933, 63.384



Tritanopia
77, 12.278, 339.517

Trichromacy



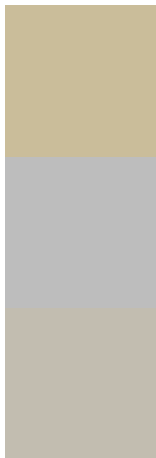
Original Color
77, 19.400, 92.896

Protanomaly
77, 19.275, 94.059

Deuteranomaly
77, 19.949, 72.874

Tritanomaly
77, 8.146, 31.303

Monochromacy



Original Color
77, 19.400, 92.896

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.201, 94.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.400, 92.896 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, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 154)  
}
```

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, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.400, 92.896 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, 189, 154) }
```

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

```
.border{ border-color:rgb(202, 189, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 189, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.400, 92.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 154) }
```

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

```
.background{ background-color: rgb(202,  
189, 154) }
```

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