

Converting Colors

CIELCh(77, 34.077, 96.626)

Have a look what the booklet for
CIELCh(77, 34.077, 96.626) contains.

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Color

CIELCh(77, 33.953, 96.418)

Conversions

Conversions Part 1

Format	Color
Hex	CDBE7F
RGB	205, 190, 127
RGB Percent	80%, 75%, 50%
CMY	0.1948, 0.2536, 0.5008
CMYK	0.00, 0.07, 0.38, 0.19
HSL	48°, 44%, 65%
HSV	48°, 38%, 81%
XYZ	47.6013, 51.5317, 27.6197
YIQ	187.3030, 29.1630, -16.4130

Conversions

Conversions Part 2

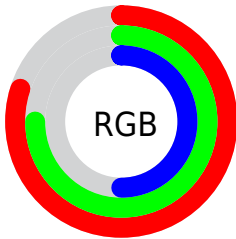
Format	Color
RYB	146, 205, 127
Decimal	13483647
CIELab	77.00, -3.80, 33.74
CIELCh	77, 33.953, 96.418
Yxy	51.5317, 0.3755, 0.4066
Android (android.graphics.Color)	4291673727 (0xFFCDBE7F)
YUV	187.3030, -29.7294, 15.5203
Hunter-Lab	71.7856, -7.2608, 27.4380

Details

The CIELCh color **77, 33.953, 96.418** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 35.694, 286.562**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 33.593, 101.596**, and **57, 33.879, 96.924** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.730, 95.202**, and if you desaturate by 10%, it is **78, 25.022, 97.626**.

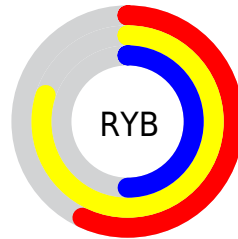
Distribution



Red (80%)

Green (75%)

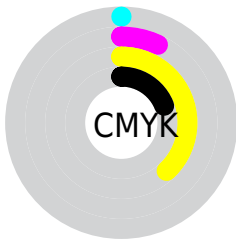
Blue (50%)



Red (57%)

Yellow (80%)

Blue (50%)

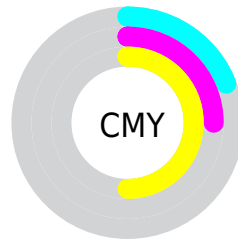


Cyan (0%)

Magenta (7%)

Yellow (38%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 33.953, 96.418 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, 33.953, 96.418 by changing the saturation by 10% instead.

■ 77, 33.953, 96.418

■ 77, 33.953, 96.418

■ 100, 33.953,
96.418

■ 67, 33.953, 96.418

■ 97, 33.953, 96.418

■ 57, 33.953, 96.418

■ 47, 33.953, 96.418

■ 37, 33.953, 96.418

■ 27, 33.953, 96.418

■ 17, 33.953, 96.418

■ 7, 33.953, 96.418

■ 0, 33.953, 96.418

■ 77, 33.953, 96.418

■ 77, 33.953, 96.418

76, 42.730, 95.202

78, 25.022, 97.626

74, 51.149, 93.970

80, 16.050, 98.804

73, 58.877, 92.728

81, 7.104, 99.944

72, 65.401, 91.464

83, 1.780, 281.168

71, 70.061, 90.142

84, 10.584,
282.168

70, 72.420, 88.709

86, 19.299,
283.188

70, 72.787, 88.419

87, 19.716,
279.601

88, 17.968,
273.882

89, 16.434,
267.060

Harmonies

Complementary

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



77, 33.953, 96.418



60, 35.694, 286.562

Rectangle

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



77, 33.953, 96.418



77, 33.953, 146.418



77, 33.953, 276.418



77, 33.953, 326.418

Sweetspot

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



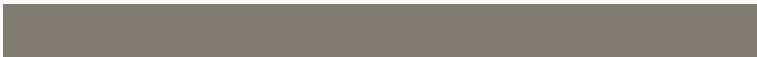
77, 33.954, 96.422



98, 11.663, 99.592



62, 32.459, 7.844



52, 7.841, 99.436



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, 33.954, 96.422



92, 48.861, 95.376



79, 41.694, 119.609



42, 5.014, 99.789



57, 62.160, 88.670



12, 17.671, 92.630

Inverse Universe

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



60, 35.694, 286.562



68, 52.259, 288.377



58, 45.122, 304.508



40, 5.074, 281.991



23, 84.886, 302.479



3, 20.422, 287.200

Previews

White Background



This preview shows how the CIELCh color 77, 33.953, 96.418 looks on a white background.

Color Contrast Check

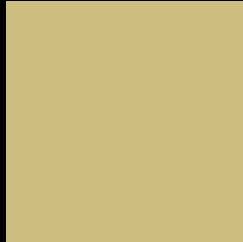
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 33.953, 96.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

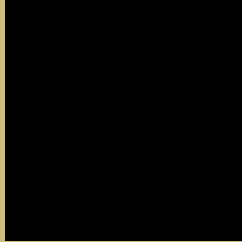
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 33.953, 96.418

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.953, 96.418.



This preview shows how white text looks on a background with the CIELCh color 77, 33.953, 96.418.

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, 33.953, 96.418

Protanopia

77, 34.038, 95.725

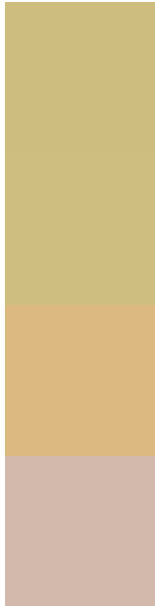
Deuteranopia

77, 34.434, 74.060



Tritanopia
77, 13.767, 347.618

Trichromacy



Original Color
77, 33.953, 96.418

Protanomaly
77, 34.038, 95.725

Deuteranomaly
77, 33.752, 82.245

Tritanomaly
77, 12.326, 57.221

Monochromacy



Original Color
77, 33.953, 96.418

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.448, 100.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.953, 96.418 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.953, 96.418 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, 127) }
```

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

```
.border{ border-color:rgb(205, 190, 127) }
```

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, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.953, 96.418 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, 127) }
```

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

```
.background{ background-color: rgb(205,  
190, 127) }
```

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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