

Converting Colors

CIELCh(77, 23.870, 79.653)

Have a look what the booklet for
CIELCh(77, 23.870, 79.653) contains.

CIELCh(77, 23.870, 79.653)	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, 23.870, 79.653)

Conversions

Conversions Part 1

Format	Color
Hex	D6BA93
RGB	214, 186, 147
RGB Percent	84%, 73%, 58%
CMY	0.1607, 0.2705, 0.4235
CMYK	0.00, 0.13, 0.31, 0.16
HSL	35°, 45%, 71%
HSV	35°, 31%, 84%
XYZ	50.5678, 51.5317, 34.8922
YIQ	189.9260, 29.2070, -6.1930

Conversions

Conversions Part 2

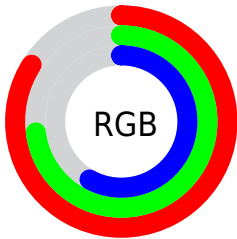
Format	Color
R _Y B	195, 214, 147
Decimal	14072467
CIE Lab	77.00, 4.29, 23.48
CIE LCh	77, 23.870, 79.653
Yxy	51.5317, 0.3691, 0.3762
Android (android.graphics.Color)	4292262547 (0xFFD6BA93)
YUV	189.9260, -21.1625, 21.1129
Hunter-Lab	71.7856, 0.1155, 21.4314

Details

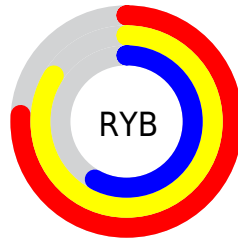
The CIELCh color **77, 23.870, 79.653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 22.841, 268.811**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.478, 95.284**, and **57, 23.858, 80.040** is the 20% darker color. If you saturate the color by 10%, you get **74, 31.997, 78.285**, and if you desaturate by 10%, it is **80, 15.978, 80.998**.

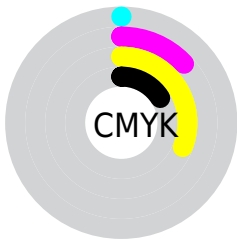
Distribution



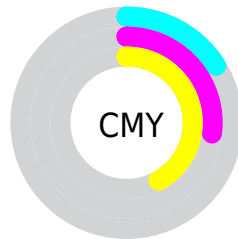
- Red (84%)
- Green (73%)
- Blue (58%)



- Red (76%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.870, 79.653 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, 23.870, 79.653 by changing the saturation by 10% instead.

■ 77, 23.870, 79.653

■ 77, 23.870, 79.653

■ 100, 23.870,
79.653

■ 67, 23.870, 79.653

■ 97, 23.870, 79.653

■ 57, 23.870, 79.653

■ 47, 23.870, 79.653

■ 37, 23.870, 79.653

■ 27, 23.870, 79.653

■ 17, 23.870, 79.653

■ 7, 23.870, 79.653

■ 0, 23.870, 79.653

■ 77, 23.870, 79.653

■ 77, 23.870, 79.653

74, 31.997, 78.285

80, 15.978, 80.998

72, 40.297, 76.871

82, 8.336, 82.290

69, 48.629, 75.398

85, 0.940, 83.260

67, 56.701, 73.815

88, 6.225, 264.878

65, 63.972, 72.008

91, 13.177,
266.031

62, 69.586, 69.762

93, 11.505,
242.558

61, 72.847, 67.384

96, 11.952,
214.707

97, 13.725,
198.590

Harmonies

Complementary

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



77, 23.870, 79.653



71, 22.841, 268.811

Rectangle

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



77, 23.870, 79.653



77, 23.870, 129.653



77, 23.870, 259.653



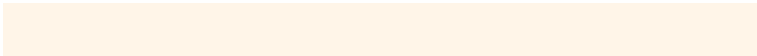
77, 23.870, 309.653

Sweetspot

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



77, 23.871, 79.660



97, 7.619, 82.566



68, 29.874, 350.574



51, 5.308, 82.384



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, 23.871, 79.660



88, 33.781, 78.691



84, 34.774, 110.096



44, 4.173, 82.525



49, 61.506, 67.973



11, 17.322, 69.079

Inverse Universe

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



71, 22.841, 268.811



79, 31.985, 270.346



64, 37.524, 296.233



43, 4.131, 265.067



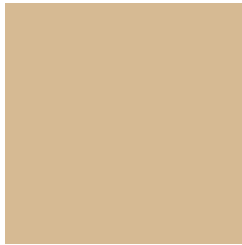
33, 62.293, 290.878



6, 19.227, 279.532

Previews

White Background



This preview shows how the CIELCh color 77, 23.870, 79.653 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, 23.870, 79.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

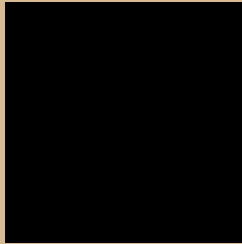
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.870, 79.653

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.870, 79.653.



This preview shows how white text looks on a background with the CIELCh color 77, 23.870, 79.653.

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, 23.870, 79.653

Protanopia

77, 22.473, 94.649

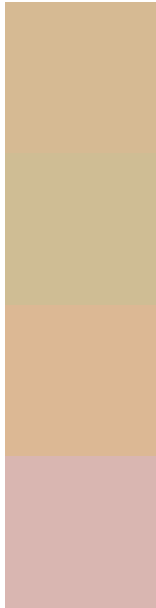
Deuteranopia

77, 25.098, 67.729



Tritanopia
77, 16.408, 353.730

Trichromacy



Original Color
77, 23.870, 79.653

Protanomaly
77, 23.074, 89.717

Deuteranomaly
77, 24.415, 71.338

Tritanomaly
77, 13.833, 31.527

Monochromacy



Original Color
77, 23.870, 79.653

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.883, 83.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.870, 79.653 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(214, 186, 147)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 147)  
}
```

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(214, 186, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.870, 79.653 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(214, 186, 147) }
```

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

```
.border{ border-color:rgb(214, 186, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 147);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.870, 79.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 147) }
```

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

```
.background{ background-color: rgb(214,  
186, 147) }
```

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