

Converting Colors

CIELCh(79, 34.174, 93.777)

Have a look what the booklet for
CIELCh(79, 34.174, 93.777) contains.

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Color

CIELCh(79, 34.174, 93.777)

Conversions

Conversions Part 1

Format	Color
Hex	D6C384
RGB	214, 195, 132
RGB Percent	84%, 76%, 52%
CMY	0.1612, 0.2357, 0.4827
CMYK	0.00, 0.09, 0.38, 0.16
HSL	46°, 50%, 68%
HSV	46°, 38%, 84%
XYZ	51.3515, 54.9284, 29.6909
YIQ	193.4990, 31.5470, -15.5650

Conversions

Conversions Part 2

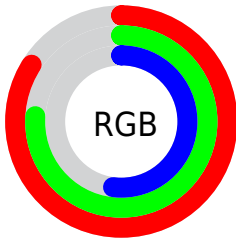
Format	Color
RYB	157, 214, 132
Decimal	14074756
CIELab	79.00, -2.25, 34.10
CIELCh	79, 34.174, 93.777
Yxy	54.9284, 0.3777, 0.4040
Android (android.graphics.Color)	4292264836 (0xFFD6C384)
YUV	193.4990, -30.3190, 17.9794
Hunter-Lab	74.1137, -6.0209, 28.1273

Details

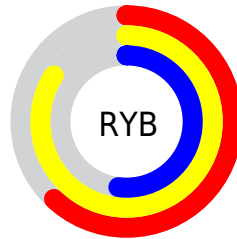
The CIELCh color **79, 34.174, 93.777** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 35.464, 284.390**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 32.832, 104.966**, and **59, 34.595, 94.206** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.033, 92.496**, and if you desaturate by 10%, it is **81, 25.208, 95.040**.

Distribution



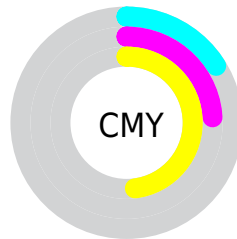
- Red (84%)
- Green (76%)
- Blue (52%)



- Red (62%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.174, 93.777 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 79, 34.174, 93.777 by changing the saturation by 10% instead.

■ 79, 34.174, 93.777

■ 79, 34.174, 93.777

■ 100, 34.174,
93.777

■ 69, 34.174, 93.777

■ 99, 34.174, 93.777

■ 59, 34.174, 93.777

■ 49, 34.174, 93.777

■ 39, 34.174, 93.777

■ 29, 34.174, 93.777

■ 19, 34.174, 93.777

■ 9, 34.174, 93.777

■ 0, 34.174, 93.777

■ 79, 34.174, 93.777

■ 79, 34.174, 93.777

77, 43.033, 92.496

81, 25.208, 95.040

76, 51.585, 91.185

82, 16.243, 96.267

74, 59.491, 89.840

84, 7.340, 97.448

73, 66.218, 88.432

86, 1.473, 278.752

72, 71.047, 86.902

88, 10.181,
279.754

70, 73.496, 85.170

89, 16.123,
278.637

70, 73.820, 84.876

91, 14.063,
269.374

92, 12.477,
257.458

93, 11.554,
243.001

Harmonies

Complementary

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



79, 34.174, 93.777



63, 35.464, 284.390

Rectangle

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



79, 34.174, 93.777



79, 34.174, 143.777



79, 34.174, 273.777



79, 34.174, 323.777

Sweetspot

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



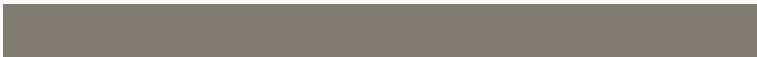
79, 34.175, 93.781



98, 11.196, 97.126



64, 34.063, 5.419



52, 7.529, 96.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 34.175, 93.781



91, 47.263, 92.739



82, 43.208, 118.207



44, 5.009, 97.322



57, 62.519, 85.197



13, 19.779, 88.591

Inverse Universe

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



63, 35.464, 284.390



69, 49.685, 286.168



60, 46.974, 303.482



42, 5.055, 279.612



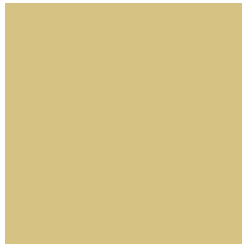
25, 83.156, 301.160



4, 23.225, 288.093

Previews

White Background



This preview shows how the CIELCh color 79, 34.174, 93.777 looks on a white background.

Color Contrast Check

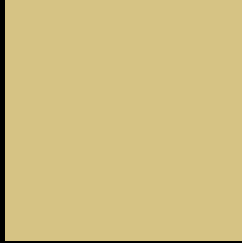
Large Text (above 18pt) WCAG AA × Fail

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 79, 34.174, 93.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

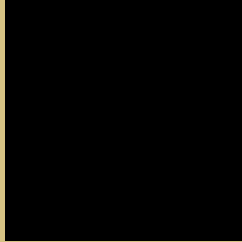
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 34.174, 93.777

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.174, 93.777.



This preview shows how white text looks on a background with the CIELCh color 79, 34.174, 93.777.

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


79, 34.174, 93.777

Protanopia

79, 34.365, 95.955

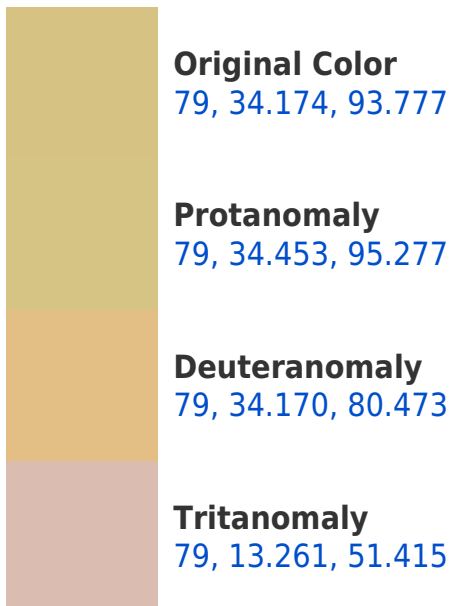
Deuteranopia

79, 34.741, 73.048



Tritanopia
79, 15.246, 349.123

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.174, 93.777 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, 195, 132)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 132)  
}
```

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, 195, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.174, 93.777 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, 195, 132) }
```

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

```
.border{ border-color:rgb(214, 195, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 132);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.174, 93.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 132) }
```

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

```
.background{ background-color: rgb(214,  
195, 132) }
```

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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