

Converting Colors

CIELCh(79, 33.110, 85.974)

Have a look what the booklet for
CIELCh(79, 33.110, 85.974) contains.

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Color

CIELCh(79, 33.110, 85.974)

Conversions

Conversions Part 1

Format	Color
Hex	DDC086
RGB	221, 192, 134
RGB Percent	87%, 75%, 53%
CMY	0.1324, 0.2462, 0.4737
CMYK	0.00, 0.13, 0.39, 0.13
HSL	40°, 56%, 70%
HSV	40°, 39%, 87%
XYZ	53.1020, 54.9284, 30.4329
YIQ	194.0590, 35.9020, -11.8900

Conversions

Conversions Part 2

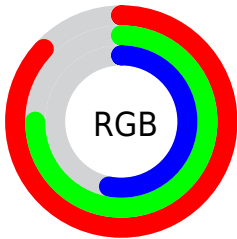
Format	Color
R _Y B	178, 221, 134
Decimal	14532742
CIE Lab	79.00, 2.32, 33.03
CIE LCh	79, 33.110, 85.974
Yxy	54.9284, 0.3835, 0.3967
Android (android.graphics.Color)	4292722822 (0xFFDDC086)
YUV	194.0590, -29.6091, 23.6273
Hunter-Lab	74.1137, -1.8048, 27.5337

Details

The CIELCh color **79, 33.110, 85.974** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 32.876, 277.725**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 30.488, 102.760**, and **59, 33.361, 86.715** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.790, 84.572**, and if you desaturate by 10%, it is **81, 24.475, 87.343**.

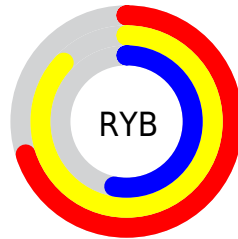
Distribution



Red (87%)

Green (75%)

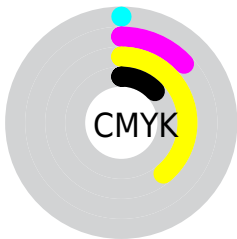
Blue (53%)



Red (70%)

Yellow (87%)

Blue (53%)

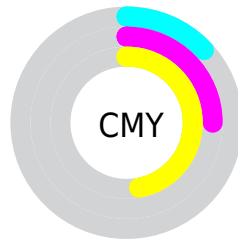


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (13%)



Cyan (13%)

Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.110, 85.974 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, 33.110, 85.974 by changing the saturation by 10% instead.

79, 33.110, 85.974

79, 33.110, 85.974

100, 33.110,
85.974

69, 33.110, 85.974

99, 33.110, 85.974

59, 33.110, 85.974

49, 33.110, 85.974

39, 33.110, 85.974

29, 33.110, 85.974

19, 33.110, 85.974

9, 33.110, 85.974

0, 33.110, 85.974

79, 33.110, 85.974

79, 33.110, 85.974

77, 41.790, 84.572

81, 24.475, 87.343

75, 50.345, 83.112

84, 15.967, 88.665

73, 58.461, 81.566

86, 7.622, 89.933

71, 65.589, 79.862

88, 0.547, 271.682

69, 70.922, 77.862

91, 8.544, 272.429

67, 73.940, 75.436

93, 10.750,
262.392

67, 74.122, 75.274

95, 9.431, 236.632

97, 10.261,
209.768

98, 11.405,
198.744

Harmonies

Complementary

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



79, 33.110, 85.974



67, 32.876, 277.725

Rectangle

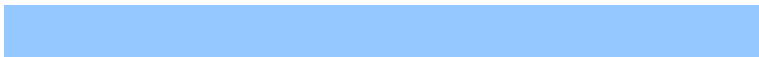
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 33.110, 85.974



79, 33.110, 135.974



79, 33.110, 265.974



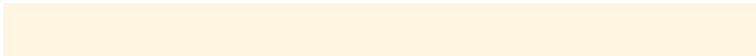
79, 33.110, 315.974

Sweetspot

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



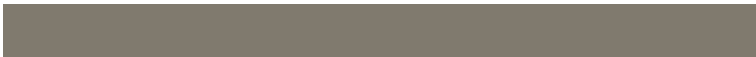
79, 33.111, 85.979



97, 11.031, 89.590



66, 36.994, 358.352



51, 7.328, 89.425



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, 33.111, 85.979



88, 44.633, 84.852



85, 44.892, 113.861



45, 4.603, 89.922



53, 61.817, 75.789



13, 19.496, 78.593

Inverse Universe

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



67, 32.876, 277.725



72, 44.392, 279.644



61, 49.384, 300.461



43, 4.602, 272.393



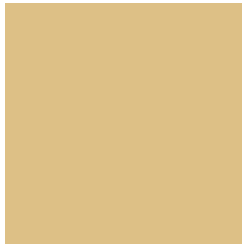
30, 72.900, 296.429



5, 22.635, 285.396

Previews

White Background



This preview shows how the CIELCh color 79, 33.110, 85.974 looks on a white background.

Color Contrast Check

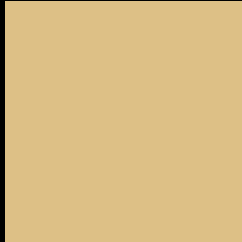
Large Text (above 18pt) WCAG AA × Fail

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, 33.110, 85.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

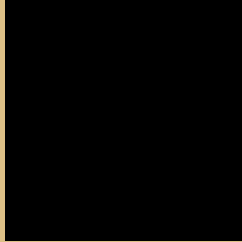
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.110, 85.974

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.110, 85.974.



This preview shows how white text looks on a background with the CIELCh color 79, 33.110, 85.974.

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, 33.110, 85.974

Protanopia

79, 32.251, 96.225

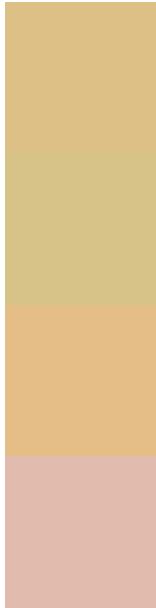
Deuteranopia

79, 34.292, 72.636



Tritanopia
79, 18.049, 356.649

Trichromacy



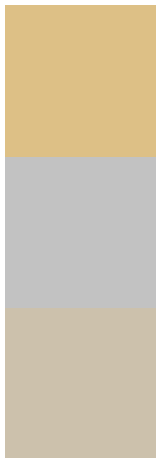
Original Color
79, 33.110, 85.974

Protanomaly
79, 32.771, 92.646

Deuteranomaly
79, 33.437, 77.577

Tritanomaly
79, 16.604, 42.931

Monochromacy



Original Color
79, 33.110, 85.974

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.961, 88.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.110, 85.974 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(221, 192, 134)` looks like.

```
.text, #text, p{  
    color:rgb(221, 192, 134)  
}
```

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(221, 192, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 192, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.110, 85.974 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(221, 192, 134) }
```

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

```
.border{ border-color:rgb(221, 192, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 192, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 192, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 192, 134);  
box-shadow:4px 4px 4px 4px rgb(221, 192,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.110, 85.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 192, 134) }
```

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

```
.background{ background-color: rgb(221,  
192, 134) }
```

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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