

Converting Colors

CIELCh(89, 13.934, 74.411)

Have a look what the booklet for
CIELCh(89, 13.934, 74.411) contains.

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Color

CIELCh(89, 13.934, 74.411)

Conversions

Conversions Part 1

Format	Color
Hex	F1DCC6
RGB	241, 220, 198
RGB Percent	95%, 86%, 78%
CMY	0.0538, 0.1362, 0.2225
CMYK	0.00, 0.09, 0.18, 0.05
HSL	31°, 61%, 86%
HSV	31°, 18%, 95%
XYZ	72.2550, 74.1641, 64.0905
YIQ	223.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

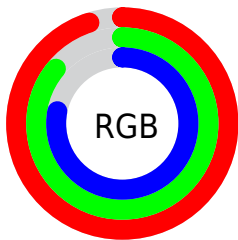
Format	Color
R _Y B	239, 241, 198
Decimal	15850694
CIE Lab	89.00, 3.74, 13.42
CIE LCh	89, 13.934, 74.411
Yxy	74.1641, 0.3432, 0.3523
Android (android.graphics.Color)	4294040774 (0xFFFF1DCC6)
YUV	223.7710, -12.7051, 15.1098
Hunter-Lab	86.1186, -0.9430, 16.1587

Details

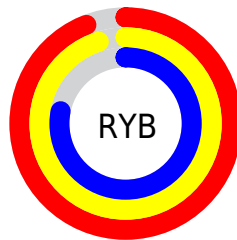
The CIELCh color **89, 13.934, 74.411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 13.345, 259.243**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 14.092, 73.971** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.255, 73.152**, and if you desaturate by 10%, it is **92, 5.979, 75.643**.

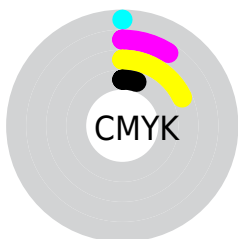
Distribution



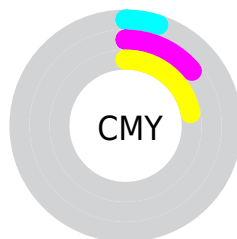
- Red (95%)
- Green (86%)
- Blue (78%)



- Red (94%)
- Yellow (95%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 13.934, 74.411 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 89, 13.934, 74.411 by changing the saturation by 10% instead.

89, 13.934, 74.411

89, 13.934, 74.411

100, 13.934,
74.411

79, 13.934, 74.411

69, 13.934, 74.411

59, 13.934, 74.411

49, 13.934, 74.411

39, 13.934, 74.411

29, 13.934, 74.411

19, 13.934, 74.411

9, 13.934, 74.411

0, 13.934, 74.411

89, 13.934, 74.411

89, 13.934, 74.411

86, 22.255, 73.152

92, 5.979, 75.643

82, 30.951, 71.861

96, 1.636, 257.197

79, 39.999, 70.551

99, 4.730, 199.246

76, 49.312, 69.211

73, 58.671, 67.798

70, 67.613, 66.204

67, 75.286, 64.208

65, 80.613, 61.490

64, 81.628, 60.882

Harmonies

Complementary

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



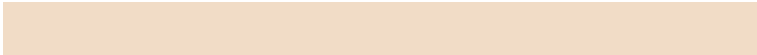
89, 13.934, 74.411



87, 13.345, 259.243

Rectangle

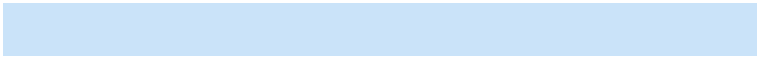
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 13.934, 74.411



89, 13.934, 124.411



89, 13.934, 254.411



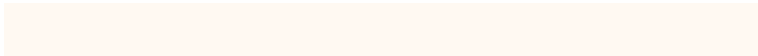
89, 13.934, 304.411

Sweetspot

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



89, 13.935, 74.423



98, 3.968, 75.953



84, 19.310, 345.194



52, 2.712, 75.880



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 13.935, 74.423



92, 17.295, 74.015



94, 21.952, 108.443



48, 4.334, 75.450



50, 66.288, 61.584



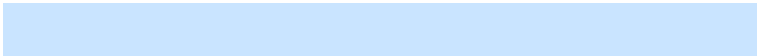
14, 23.421, 62.447

Inverse Universe

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



87, 13.345, 259.243



89, 16.416, 259.787



81, 22.876, 292.170



48, 4.247, 257.987



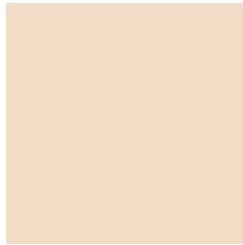
39, 57.738, 285.179



10, 21.824, 277.573

Previews

White Background



This preview shows how the CIELCh color 89, 13.934, 74.411 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 89, 13.934, 74.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

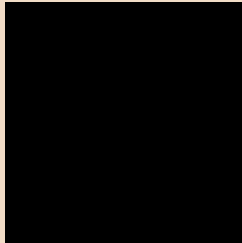
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 13.934, 74.411

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.934, 74.411.



This preview shows how white text looks on a background with the CIELCh color 89, 13.934, 74.411.

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

89, 13.934, 74.411

Protanopia

89, 12.492, 91.701

Deuteranopia

89, 17.108, 49.143



Tritanopia
89, 14.245, 342.129

Trichromacy



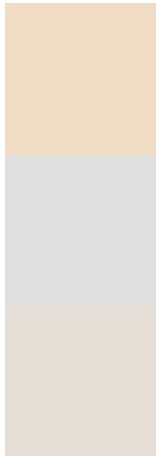
Original Color
89, 13.934, 74.411

Protanomaly
89, 13.040, 85.322

Deuteranomaly
89, 15.396, 57.201

Tritanomaly
89, 10.002, 11.153

Monochromacy



Original Color
89, 13.934, 74.411

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.854, 78.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.934, 74.411 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(241, 220, 198)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 198)  
}
```

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(241, 220, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.934, 74.411 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(241, 220, 198) }
```

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

```
.border{ border-color:rgb(241, 220, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 220, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 220, 198); box-shadow:4px 4px 4px 4px rgb(241, 220, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.934, 74.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 198) }
```

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

```
.background{ background-color: rgb(241,  
220, 198) }
```

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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