

Converting Colors

CIELCh(75, 13.909, 81.933)

Have a look what the booklet for
CIELCh(75, 13.909, 81.933) contains.

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Color

CIELCh(75, 13.894, 81.945)

Conversions

Conversions Part 1

Format	Color
Hex	C7B7A0
RGB	199, 183, 160
RGB Percent	78%, 72%, 63%
CMY	0.2214, 0.2841, 0.3743
CMYK	0.00, 0.08, 0.20, 0.22
HSL	35°, 26%, 70%
HSV	35°, 20%, 78%
XYZ	46.5736, 48.2781, 39.9163
YIQ	185.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

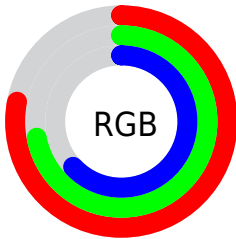
Format	Color
RYB	187, 199, 160
Decimal	13088672
CIELab	75.00, 1.95, 13.76
CIElCh	75, 13.894, 81.945
Yxy	48.2781, 0.3456, 0.3582
Android (android.graphics.Color)	4291278752 (0xFFC7B7A0)
YUV	185.1620, -12.4049, 12.1359
Hunter-Lab	69.4824, -1.9471, 14.5768

Details

The CIELCh color **75, 13.894, 81.945** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 13.567, 267.346**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.636, 83.370**, and **55, 14.148, 81.695** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.310, 80.627**, and if you desaturate by 10%, it is **78, 6.706, 83.231**.

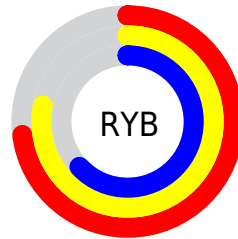
Distribution



Red (78%)

Green (72%)

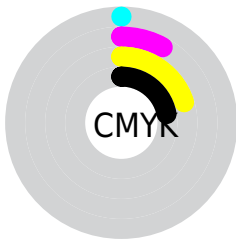
Blue (63%)



Red (73%)

Yellow (78%)

Blue (63%)

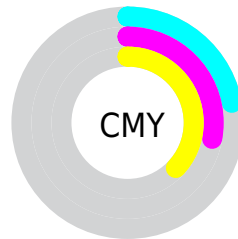


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 13.894, 81.945 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 75, 13.894, 81.945 by changing the saturation by 10% instead.

 75, 13.894, 81.945

 75, 13.894, 81.945

 100, 13.894,
81.945

 65, 13.894, 81.945

 95, 13.894, 81.945

 55, 13.894, 81.945

 45, 13.894, 81.945

 35, 13.894, 81.945

 25, 13.894, 81.945

 15, 13.894, 81.945

 5, 13.894, 81.945

 0, 13.894, 81.945

 75, 13.894, 81.945

 75, 13.894, 81.945

72, 21.310, 80.627

78, 6.706, 83.231

70, 28.940, 79.262

80, 0.260, 265.671

68, 36.734, 77.858

83, 7.018, 265.789

65, 44.575, 76.400

85, 13.585,
266.934

63, 52.222, 74.847

88, 18.206,
265.189

61, 59.219, 73.103

59, 64.825, 70.984

90, 16.047,
249.035

57, 68.586, 68.369

92, 15.418,
230.069

57, 68.724, 68.278

94, 16.452,
211.760

96, 18.548,
198.279

Harmonies

Complementary

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



75, 13.894, 81.945



71, 13.567, 267.346

Rectangle

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



75, 13.894, 81.945



75, 13.894, 131.945



75, 13.894, 261.945



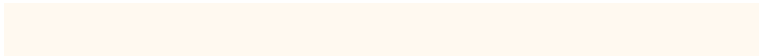
75, 13.894, 311.945

Sweetspot

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



75, 13.895, 81.955



98, 5.086, 83.655



70, 17.282, 350.239



52, 3.378, 83.578



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 13.895, 81.955



92, 20.971, 81.333



79, 20.674, 111.816



41, 3.952, 83.261



47, 59.360, 68.811



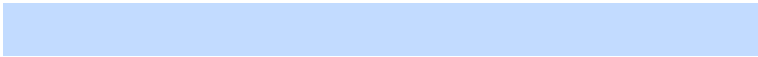
8, 13.255, 69.036

Inverse Universe

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



71, 13.567, 267.346



87, 20.341, 268.167



67, 21.618, 295.337



40, 3.916, 265.779



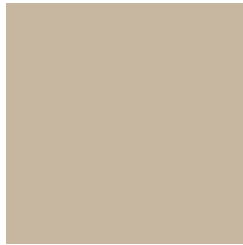
31, 60.846, 291.296



4, 15.472, 276.869

Previews

White Background



This preview shows how the CIELCh color 75, 13.894, 81.945 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 75, 13.894, 81.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

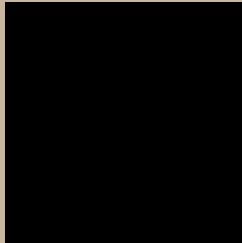
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 13.894, 81.945

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.894, 81.945.



This preview shows how white text looks on a background with the CIELCh color 75, 13.894, 81.945.

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

75, 13.894, 81.945

Protanopia

75, 13.476, 91.976

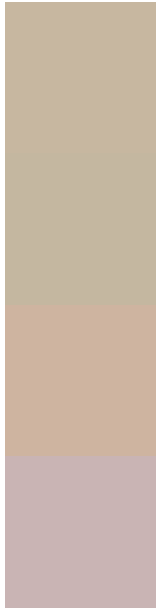
Deuteranopia

75, 16.425, 56.078



Tritanopia
75, 12.001, 341.501

Trichromacy



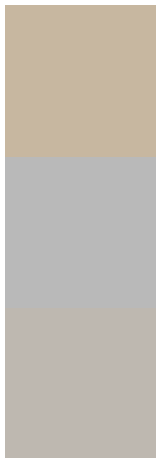
Original Color
75, 13.894, 81.945

Protanomaly
75, 13.386, 86.496

Deuteranomaly
75, 14.972, 65.551

Tritanomaly
75, 7.984, 20.007

Monochromacy



Original Color
75, 13.894, 81.945

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.851, 81.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.894, 81.945 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(199, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 160)  
}
```

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(199, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.894, 81.945 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(199, 183, 160) }
```

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

```
.border{ border-color:rgb(199, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.894, 81.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 160) }
```

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

```
.background{ background-color: rgb(199,  
183, 160) }
```

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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