

Converting Colors

CIELCh(88, 7.598, 92.588)

Have a look what the booklet for
CIELCh(88, 7.598, 92.588) contains.

CIELCh(88, 7.598, 92.588)	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(88, 7.598, 92.588)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCCE
RGB	226, 220, 206
RGB Percent	89%, 86%, 81%
CMY	0.1124, 0.1359, 0.1908
CMYK	0.00, 0.03, 0.09, 0.11
HSL	42°, 26%, 85%
HSV	42°, 9%, 89%
XYZ	68.3387, 72.0653, 68.9181
YIQ	220.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

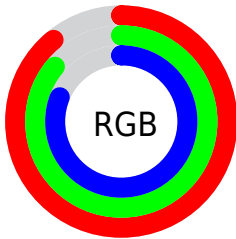
Format	Color
R _Y B	215, 226, 206
Decimal	14867662
CIE Lab	88.00, -0.34, 7.59
CIE LCh	88, 7.598, 92.588
Yxy	72.0653, 0.3265, 0.3443
Android (android.graphics.Color)	4293057742 (0xFFE2DCCE)
YUV	220.1980, -6.9996, 5.0884
Hunter-Lab	84.8913, -4.8646, 11.2899

Details

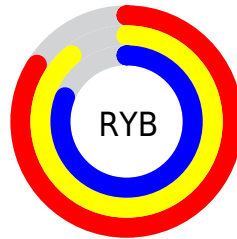
The CIELCh color **88, 7.598, 92.588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 7.624, 274.876**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 7.500, 91.127** is the 20% darker color. If you saturate the color by 10%, you get **86, 16.350, 91.359**, and if you desaturate by 10%, it is **90, 1.001, 274.092**.

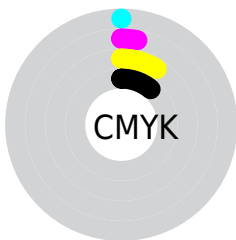
Distribution



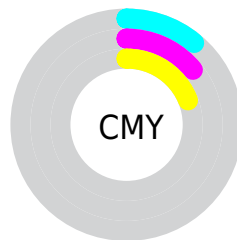
- Red (89%)
- Green (86%)
- Blue (81%)



- Red (84%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 7.598, 92.588 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 88, 7.598, 92.588 by changing the saturation by 10% instead.



88, 7.598, 92.588

88, 7.598, 92.588

86, 16.350, 91.359

90, 1.001, 274.092

84, 25.232, 90.060

93, 9.449, 275.046

81, 34.200, 88.721

94, 8.728, 256.840

79, 43.160, 87.342

96, 8.065, 227.629

77, 51.927, 85.917

98, 9.483, 201.107

76, 60.168, 84.420

98, 9.729, 198.859

74, 67.321, 82.795

72, 72.582, 80.928

70, 75.384, 78.696

Harmonies

Complementary

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



88, 7.598, 92.588



85, 7.624, 274.876

Rectangle

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



88, 7.598, 92.588



88, 7.598, 142.588



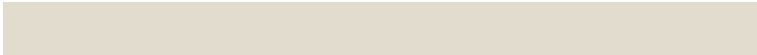
88, 7.598, 272.588



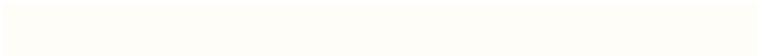
88, 7.598, 322.588

Sweetspot

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



88, 7.599, 92.604



99, 2.820, 93.257



85, 7.984, 356.735



53, 2.141, 93.178



0, 0.000, 0.000



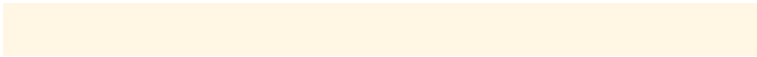
53, 0.007, 296.813

Same Dimension

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



88, 7.599, 92.604



97, 10.441, 92.332



89, 10.479, 117.397



46, 4.851, 92.532



56, 62.725, 78.900



14, 21.290, 81.911

Inverse Universe

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



85, 7.624, 274.876



93, 10.473, 275.181



84, 10.686, 298.622



44, 4.867, 274.957



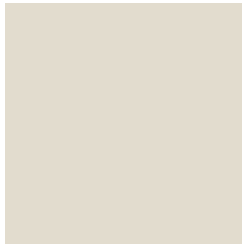
29, 77.669, 298.241



5, 24.961, 288.023

Previews

White Background



This preview shows how the CIELCh color 88, 7.598, 92.588 looks on a white background.

Color Contrast Check

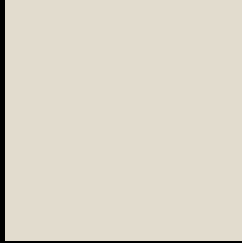
Large Text (above 18pt) WCAG AA × Fail

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 88, 7.598, 92.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

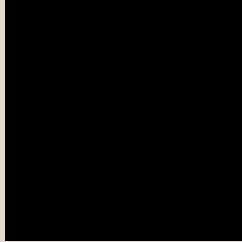
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

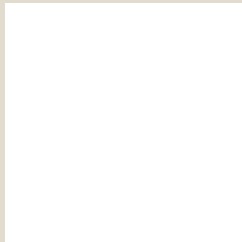
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 7.598, 92.588

Background



This preview shows how black text looks on a background with the CIELCh color 88, 7.598, 92.588.

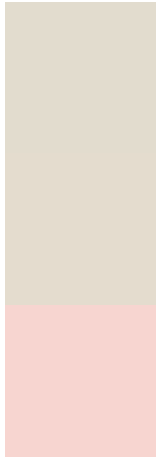


This preview shows how white text looks on a background with the CIELCh color 88, 7.598, 92.588.

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
88, 7.598, 92.588

Protanopia
88, 7.844, 87.374

Deuteranopia
88, 12.991, 31.752



Tritanopia
88, 10.227, 319.816

Trichromacy



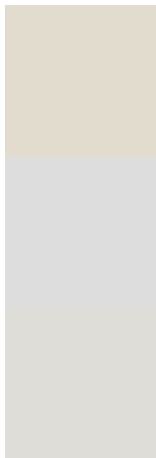
Original Color
88, 7.598, 92.588

Protanomaly
88, 7.713, 89.941

Deuteranomaly
88, 9.770, 48.431

Tritanomaly
88, 4.767, 346.488

Monochromacy



Original Color
88, 7.598, 92.588

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.686, 94.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 7.598, 92.588 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(226, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 206)  
}
```

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(226, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 7.598, 92.588 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(226, 220, 206) }
```

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

```
.border{ border-color:rgb(226, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 7.598, 92.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 206) }
```

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

```
.background{ background-color: rgb(226,  
220, 206) }
```

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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