

Converting Colors

CIELCh(88, 12.193, 104.906)

Have a look what the booklet for
CIELCh(88, 12.193, 104.906)
contains.

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Color

CIELCh(88, 12.482, 105.697)

Conversions

Conversions Part 1

Format	Color
Hex	E0DEC6
RGB	224, 222, 198
RGB Percent	88%, 87%, 78%
CMY	0.1221, 0.1299, 0.2241
CMYK	0.00, 0.01, 0.12, 0.12
HSL	55°, 29%, 83%
HSV	55°, 12%, 88%
XYZ	66.9595, 72.0653, 63.7250
YIQ	219.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

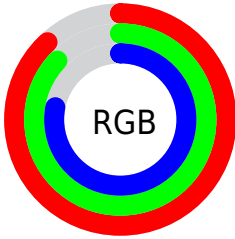
Format	Color
R_{YB}	200, 224, 198
Decimal	14737094
CIE _{Lab}	88.00, -3.38, 12.02
CIE _{LCh}	88, 12.482, 105.697
Yxy	72.0653, 0.3303, 0.3554
Android (android.graphics.Color)	4292927174 (0xFFE0DEC6)
YUV	219.8620, -10.7780, 3.6290
Hunter-Lab	84.8913, -7.7646, 14.9169

Details

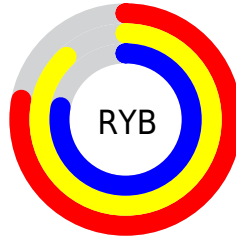
The CIELCh color **88, 12.482, 105.697** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 12.768, 288.202**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 12.610, 105.249** is the 20% darker color. If you saturate the color by 10%, you get **87, 23.211, 104.662**, and if you desaturate by 10%, it is **89, 1.724, 106.681**.

Distribution



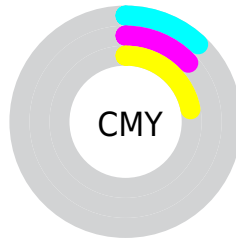
- Red (88%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 12.482, 105.697 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, 12.482, 105.697 by changing the saturation by 10% instead.

■ 88, 12.482,
105.697

■ 88, 12.482,
105.697

■ 100, 12.482,
105.697

■ 78, 12.482,
105.697

■ 68, 12.482,
105.697

■ 58, 12.482,
105.697

■ 48, 12.482,
105.697

■ 38, 12.482,
105.697

■ 28, 12.482,
105.697

■ 18, 12.482,

105.697

■ 8, 12.482, 105.697

■ 0, 12.482, 105.697

■ 88, 12.482,
105.697

■ 88, 12.482,
105.697

■ 87, 23.211,
104.662

■ 89, 1.724, 106.681

■ 86, 33.831,
103.608

■ 90, 9.022, 287.753

■ 85, 44.221,
102.561

■ 91, 14.544,
287.142

■ 85, 54.186,
101.540

■ 91, 13.684,
284.360

■ 84, 63.414,

■ 92, 12.860,
281.222

100.566

92, 12.079,
277.677

83, 71.444, 99.664

92, 11.351,
273.672

83, 77.680, 98.858

82, 81.548, 98.158

93, 10.685,
269.154

82, 83.071, 97.637

93, 10.093,
264.085

Harmonies

Complementary

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



88, 12.482, 105.697



81, 12.768, 288.202

Rectangle

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



88, 12.482, 105.697



88, 12.482, 155.697



88, 12.482, 285.697



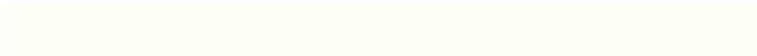
88, 12.482, 335.697

Sweetspot

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



88, 12.484, 105.705



100, 3.576, 106.566



82, 9.764, 13.413



53, 2.713, 106.491



0, 0.000, 0.000



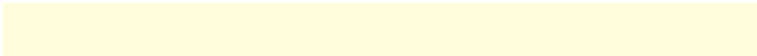
53, 0.007, 296.813

Same Dimension

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



88, 12.484, 105.705



99, 16.727, 105.447



88, 14.121, 125.550



47, 6.115, 105.928



66, 69.450, 97.725



18, 25.965, 99.551

Inverse Universe

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



81, 12.768, 288.202



89, 17.185, 288.509



81, 14.393, 306.681



43, 6.231, 287.944



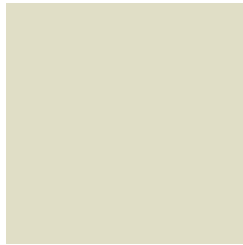
22, 97.713, 305.288



3, 29.949, 294.234

Previews

White Background



This preview shows how the CIELCh color 88, 12.482, 105.697 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, 12.482, 105.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

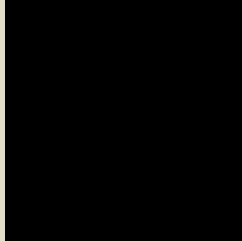
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

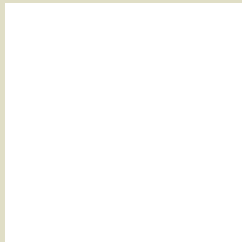
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 12.482, 105.697

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.482, 105.697.



This preview shows how white text looks on a background with the CIELCh color 88, 12.482, 105.697.

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](#).

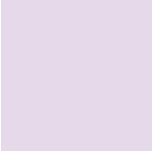
Dichromacy



Original Color
88, 12.482, 105.697

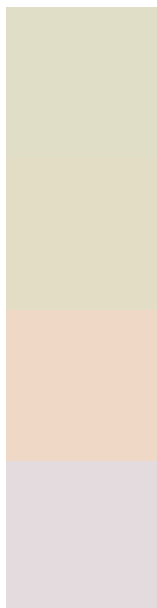
Protanopia
88, 12.525, 91.679

Deuteranopia
88, 15.648, 45.722



Tritanopia
88, 9.892, 316.203

Trichromacy



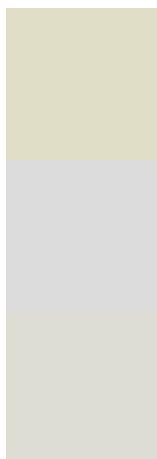
Original Color
88, 12.482, 105.697

Protanomaly
88, 12.733, 97.206

Deuteranomaly
88, 12.694, 63.804

Tritanomaly
88, 3.080, 359.667

Monochromacy



Original Color
88, 12.482, 105.697

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.678, 109.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.482, 105.697 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(224, 222, 198)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 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(224, 222, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.482, 105.697 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(224, 222, 198) }
```

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

```
.border{ border-color:rgb(224, 222, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.482, 105.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 198) }
```

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

```
.background{ background-color: rgb(224,  
222, 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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