

Converting Colors

CIELCh(88, 12.076, 106.227)

Have a look what the booklet for
CIELCh(88, 12.076, 106.227)
contains.

CIELCh(88, 11.964, 105.598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 11.964, 105.598)

Conversions

Conversions Part 1

Format	Color
Hex	E0DEC7
RGB	224, 222, 199
RGB Percent	88%, 87%, 78%
CMY	0.1224, 0.1302, 0.2204
CMYK	0.00, 0.01, 0.11, 0.12
HSL	55°, 29%, 83%
HSV	55°, 11%, 88%
XYZ	67.0318, 72.0653, 64.2902
YIQ	219.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

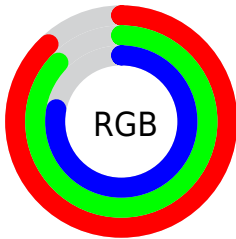
Format	Color
R_{YB}	201, 224, 199
Decimal	14737095
CIE Lab	88.00, -3.22, 11.52
CIE LCh	88, 11.964, 105.598
Yxy	72.0653, 0.3296, 0.3543
Android (android.graphics.Color)	4292927175 (0xFFE0DEC7)
YUV	219.9760, -10.3412, 3.5290
Hunter-Lab	84.8913, -7.6126, 14.5222

Details

The CIELCh color **88, 11.964, 105.598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 12.226, 288.010**, 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, 12.065, 105.150** is the 20% darker color. If you saturate the color by 10%, you get **87, 22.662, 104.561**, and if you desaturate by 10%, it is **89, 1.242, 106.560**.

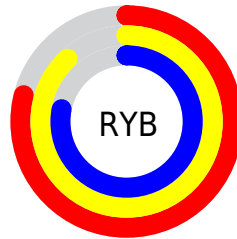
Distribution



Red (88%)

Green (87%)

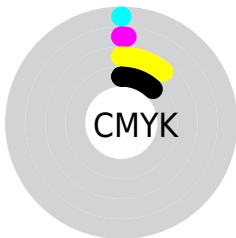
Blue (78%)



Red (79%)

Yellow (88%)

Blue (78%)

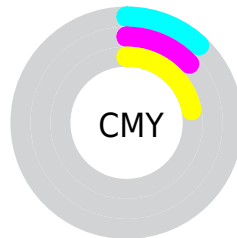


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (12%)



Cyan (12%)


Magenta (13%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 11.964, 105.598 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, 11.964, 105.598 by changing the saturation by 10% instead.


 88, 11.964,
105.598


 88, 11.964,
105.598


 100, 11.964,
105.598


 78, 11.964,
105.598

 68, 11.964,
105.598

 58, 11.964,
105.598

 48, 11.964,
105.598

 38, 11.964,
105.598

 28, 11.964,
105.598

 18, 11.964,

105.598

■ 8, 11.964, 105.598

■ 0, 11.964, 105.598

■ 88, 11.964,
105.598

■ 88, 11.964,
105.598

■ 87, 22.662,
104.561

■ 89, 1.242, 106.560

■ 86, 33.258,
103.504

■ 90, 9.466, 287.657

■ 85, 43.636,
102.452

■ 91, 14.474,
286.842

■ 85, 53.603,
101.423

■ 91, 13.584,
283.909

■ 84, 62.856,

■ 92, 12.734,
280.586

100.440

92, 11.933,
276.813

83, 70.942, 99.525

93, 11.191,
272.531

83, 77.267, 98.702

82, 81.245, 97.981

93, 10.519,
267.686

82, 82.881, 97.413

93, 9.932, 262.238

Harmonies

Complementary

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



88, 11.964, 105.598



81, 12.226, 288.010

Rectangle

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



88, 11.964, 105.598



88, 11.964, 155.598



88, 11.964, 285.598



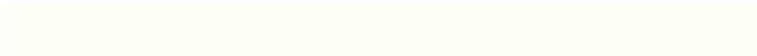
88, 11.964, 335.598

Sweetspot

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



88, 11.966, 105.607



100, 3.564, 106.423



82, 9.373, 13.370



53, 2.704, 106.348



0, 0.000, 0.000



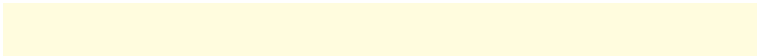
53, 0.007, 296.813

Same Dimension

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



88, 11.966, 105.607



99, 15.484, 105.407



88, 13.577, 125.573



47, 6.096, 105.784



66, 69.307, 97.505



18, 25.889, 99.362

Inverse Universe

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



81, 12.226, 288.010



90, 15.875, 288.245



82, 13.829, 306.657



43, 6.211, 287.805



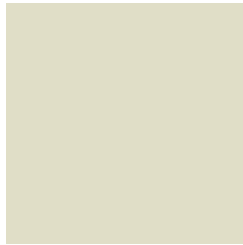
22, 97.550, 305.241



3, 29.883, 294.167

Previews

White Background



This preview shows how the CIELCh color 88, 11.964, 105.598 looks on a white background.

Color Contrast Check

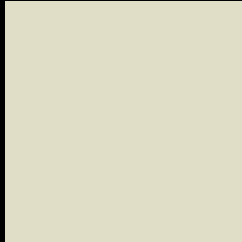
Large Text (above 18pt) WCAG AA × Fail

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, 11.964, 105.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

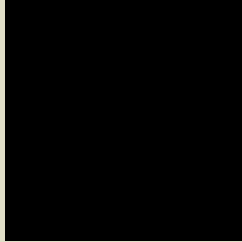
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

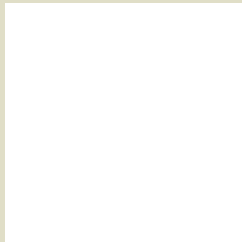
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 11.964, 105.598

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.964, 105.598.

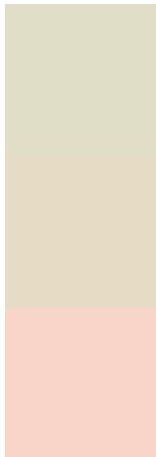


This preview shows how white text looks on a background with the CIELCh color 88, 11.964, 105.598.

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

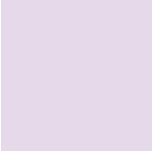
88, 11.964, 105.598

Protanopia

88, 12.028, 91.006

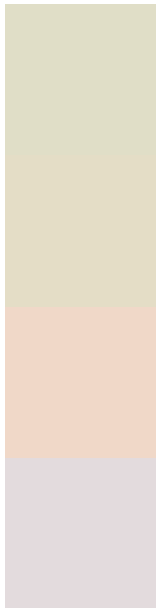
Deuteranopia

88, 15.047, 44.625



Tritanopia
88, 9.892, 316.203

Trichromacy



Original Color
88, 11.964, 105.598

Protanomaly
88, 12.224, 96.767

Deuteranomaly
88, 12.323, 62.157

Tritanomaly
88, 3.080, 359.667

Monochromacy



Original Color
88, 11.964, 105.598

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, 11.964, 105.598 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.964, 105.598 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, 199) }
```

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

```
.border{ border-color:rgb(224, 222, 199) }
```

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, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 199);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.964, 105.598 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, 199) }
```

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

```
.background{ background-color: rgb(224,  
222, 199) }
```

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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