

Converting Colors

CIELCh(88, 21.965, 94.047)

Have a look what the booklet for
CIELCh(88, 21.965, 94.047) contains.

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Color

CIELCh(88, 21.963, 94.058)

Conversions

Conversions Part 1

Format	Color
Hex	EADCB3
RGB	234, 220, 179
RGB Percent	92%, 86%, 70%
CMY	0.0816, 0.1365, 0.2974
CMYK	0.00, 0.06, 0.23, 0.08
HSL	45°, 57%, 81%
HSV	45°, 23%, 92%
XYZ	67.7859, 72.0653, 53.0767
YIQ	219.5120, 21.5050, -9.7830

Conversions

Conversions Part 2

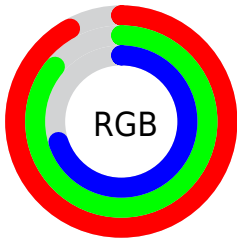
Format	Color
RYB	198, 234, 179
Decimal	15391923
CIELab	88.00, -1.55, 21.91
CIELCh	88, 21.963, 94.058
Yxy	72.0653, 0.3514, 0.3735
Android (android.graphics.Color)	4293582003 (0xFFEADCB3)
YUV	219.5120, -19.9724, 12.7060
Hunter-Lab	84.8913, -6.0270, 22.3539

Details

The CIELCh color **88, 21.963, 94.058** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 22.296, 280.231**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **68, 22.005, 93.717** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.456, 92.788**, and if you desaturate by 10%, it is **90, 12.537, 95.301**.

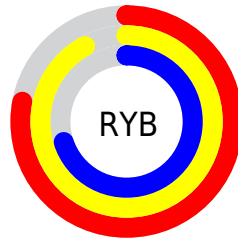
Distribution



Red (92%)

Green (86%)

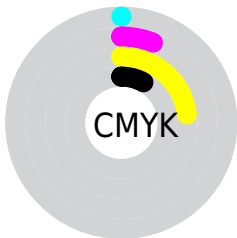
Blue (70%)



Red (78%)

Yellow (92%)

Blue (70%)

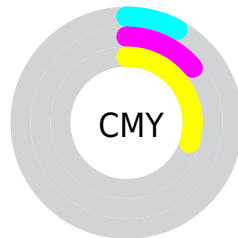


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.963, 94.058 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, 21.963, 94.058 by changing the saturation by 10% instead.

 88, 21.963, 94.058

 88, 21.963, 94.058

 100, 21.963,
94.058

 78, 21.963, 94.058

 68, 21.963, 94.058

 58, 21.963, 94.058

 48, 21.963, 94.058

 38, 21.963, 94.058

 28, 21.963, 94.058

 18, 21.963, 94.058

 8, 21.963, 94.058

 0, 21.963, 94.058

88, 21.963, 94.058

88, 21.963, 94.058

86, 31.456, 92.788

90, 12.537, 95.301

84, 40.929, 91.478

92, 3.214, 96.455

82, 50.229, 90.136

94, 5.985, 277.715

81, 59.076, 88.755

96, 6.504, 259.466

79, 67.000, 87.309

97, 5.938, 224.835

77, 73.294, 85.743

99, 7.125, 199.047

76, 77.141, 83.953

75, 78.407, 82.654

Harmonies

Complementary

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



88, 21.963, 94.058



78, 22.296, 280.231

Rectangle

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



88, 21.963, 94.058



88, 21.963, 144.058



88, 21.963, 274.058



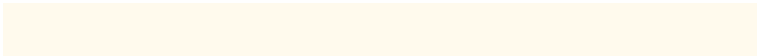
88, 21.963, 324.058

Sweetspot

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



88, 21.964, 94.065



98, 6.936, 96.067



78, 22.141, 0.800



52, 4.509, 95.997



0, 0.000, 0.000



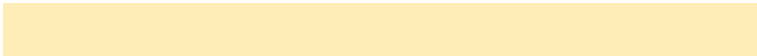
53, 0.007, 296.813

Same Dimension

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



88, 21.964, 94.065



94, 28.119, 93.476



91, 28.640, 117.747



48, 5.272, 95.783



59, 64.745, 83.040



17, 24.617, 85.874

Inverse Universe

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



78, 22.296, 280.231



82, 28.645, 281.035



76, 30.102, 301.027



46, 5.310, 278.139



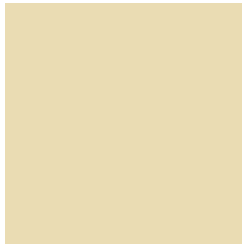
28, 84.679, 300.377



5, 29.346, 292.070

Previews

White Background



This preview shows how the CIELCh color 88, 21.963, 94.058 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, 21.963, 94.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

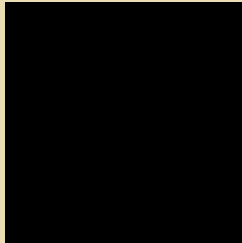
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 21.963, 94.058

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.963, 94.058.

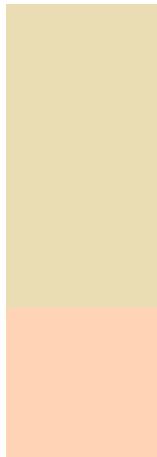


This preview shows how white text looks on a background with the CIELCh color 88, 21.963, 94.058.

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, 21.963, 94.058

Protanopia

88, 21.963, 94.058

Deuteranopia

88, 23.155, 62.198



Tritanopia
88, 13.439, 339.154

Trichromacy



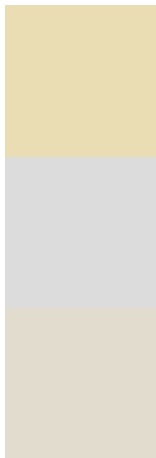
Original Color
88, 21.963, 94.058

Protanomaly
88, 21.963, 94.058

Deuteranomaly
88, 21.768, 73.643

Tritanomaly
88, 8.747, 33.648

Monochromacy



Original Color
88, 21.963, 94.058

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 8.007, 96.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.963, 94.058 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(234, 220, 179)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 179)  
}
```

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(234, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.963, 94.058 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(234, 220, 179) }
```

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

```
.border{ border-color:rgb(234, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(234, 220,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.963, 94.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 179) }
```

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

```
.background{ background-color: rgb(234,  
220, 179) }
```

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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