

Converting Colors

CIELCh(88, 21.479, 93.769)

Have a look what the booklet for
CIELCh(88, 21.479, 93.769) contains.

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Color

CIELCh(88, 21.461, 93.781)

Conversions

Conversions Part 1

Format	Color
Hex	EADCB4
RGB	234, 220, 180
RGB Percent	92%, 86%, 71%
CMY	0.0819, 0.1367, 0.2936
CMYK	0.00, 0.06, 0.23, 0.08
HSL	44°, 56%, 81%
HSV	44°, 23%, 92%
XYZ	67.8492, 72.0653, 53.5777
YIQ	219.6260, 21.1840, -9.4720

Conversions

Conversions Part 2

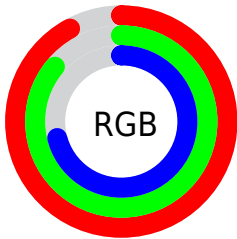
Format	Color
RYB	199, 234, 180
Decimal	15391924
CIELab	88.00, -1.42, 21.41
CIELCh	88, 21.461, 93.781
Yxy	72.0653, 0.3507, 0.3724
Android (android.graphics.Color)	4293582004 (0xFFEADCB4)
YUV	219.6260, -19.5356, 12.6060
Hunter-Lab	84.8913, -5.8939, 22.0040

Details

The CIELCh color **88, 21.461, 93.781** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 21.757, 279.851**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **68, 21.478, 93.444** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.917, 92.507**, and if you desaturate by 10%, it is **90, 12.080, 95.027**.

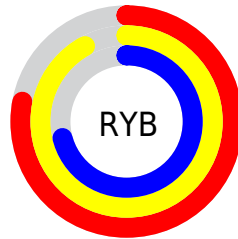
Distribution



Red (92%)

Green (86%)

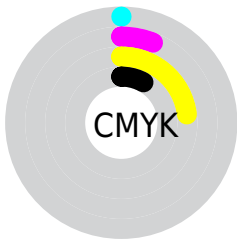
Blue (71%)



Red (78%)

Yellow (92%)

Blue (71%)

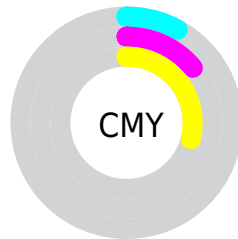


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.461, 93.781 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, 21.461, 93.781 by changing the saturation by 10% instead.

 88, 21.461, 93.781

 88, 21.461, 93.781

 100, 21.461,
93.781

 78, 21.461, 93.781

 68, 21.461, 93.781

 58, 21.461, 93.781

 48, 21.461, 93.781

 38, 21.461, 93.781

 28, 21.461, 93.781

 18, 21.461, 93.781

 8, 21.461, 93.781

 0, 21.461, 93.781

88, 21.461, 93.781

88, 21.461, 93.781

86, 30.917, 92.507

90, 12.080, 95.027

84, 40.364, 91.193

92, 2.808, 96.173

82, 49.656, 89.845

94, 6.336, 277.444

81, 58.522, 88.457

96, 6.415, 257.389

79, 66.504, 87.004

97, 6.010, 221.871

77, 72.904, 85.426

99, 7.144, 199.046

76, 76.896, 83.621

75, 78.287, 82.215

Harmonies

Complementary

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



88, 21.461, 93.781



79, 21.757, 279.851

Rectangle

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



88, 21.461, 93.781



88, 21.461, 143.781



88, 21.461, 273.781



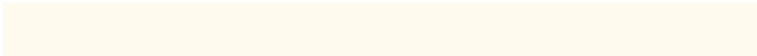
88, 21.461, 323.781

Sweetspot

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



88, 21.462, 93.788



98, 6.902, 95.744



79, 21.721, 0.745



52, 4.487, 95.674



0, 0.000, 0.000



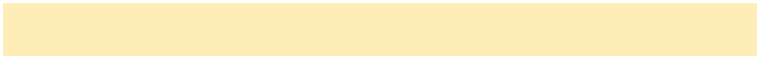
53, 0.007, 296.813

Same Dimension

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



88, 21.462, 93.788



94, 27.996, 93.144



91, 28.125, 117.775



48, 5.246, 95.459



59, 64.655, 82.609



17, 24.530, 85.458

Inverse Universe

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



79, 21.757, 279.851



82, 28.482, 280.728



76, 29.532, 300.990



46, 5.282, 277.824



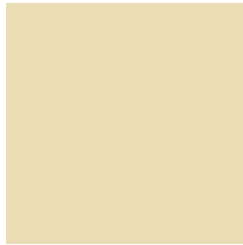
28, 84.156, 300.179



5, 29.210, 291.917

Previews

White Background



This preview shows how the CIELCh color 88, 21.461, 93.781 looks on a white background.

Color Contrast Check

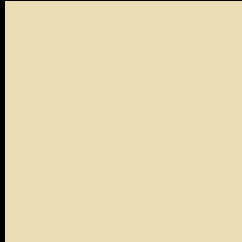
Large Text (above 18pt) WCAG AA × Fail

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, 21.461, 93.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

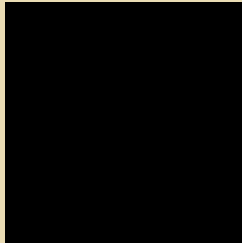
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

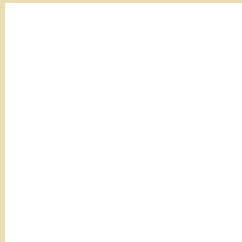
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.461, 93.781

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.461, 93.781.

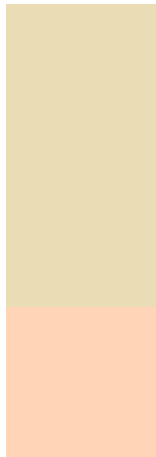


This preview shows how white text looks on a background with the CIELCh color 88, 21.461, 93.781.

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, 21.461, 93.781

Protanopia

88, 21.461, 93.781

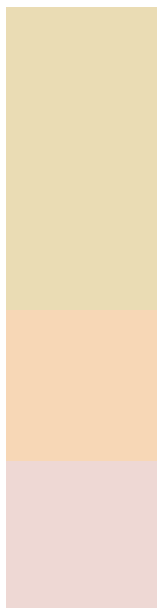
Deuteranopia

88, 22.780, 61.327



Tritanopia
88, 13.172, 338.083

Trichromacy



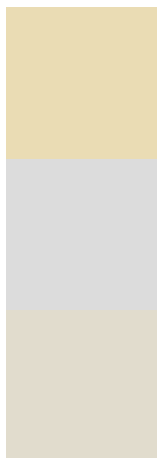
Original Color
88, 21.461, 93.781

Protanomaly
88, 21.461, 93.781

Deuteranomaly
88, 21.332, 72.925

Tritanomaly
88, 8.382, 34.234

Monochromacy



Original Color
88, 21.461, 93.781

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, 21.461, 93.781 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.461, 93.781 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, 180) }
```

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

```
.border{ border-color:rgb(234, 220, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 220, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 220, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 220,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.461, 93.781 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, 180) }
```

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

```
.background{ background-color: rgb(234,  
220, 180) }
```

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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