

Converting Colors

CIELCh(88, 21.270, 88.001)

Have a look what the booklet for
CIELCh(88, 21.270, 88.001) contains.

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Color

CIELCh(88, 21.091, 88.047)

Conversions

Conversions Part 1

Format	Color
Hex	EEDBB5
RGB	238, 219, 181
RGB Percent	93%, 86%, 71%
CMY	0.0673, 0.1417, 0.2908
CMYK	0.00, 0.08, 0.24, 0.07
HSL	40°, 62%, 82%
HSV	40°, 24%, 93%
XYZ	68.8259, 72.0653, 53.9200
YIQ	220.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

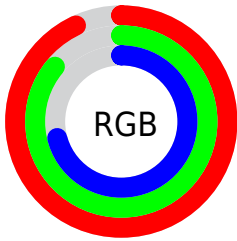
Format	Color
RYB	210, 238, 181
Decimal	15653813
CIELab	88.00, 0.72, 21.08
CIELCh	88, 21.091, 88.047
Yxy	72.0653, 0.3533, 0.3699
Android (android.graphics.Color)	4293843893 (0xFFEEDBB5)
YUV	220.3490, -19.3991, 15.4799
Hunter-Lab	84.8913, -3.8402, 21.7649

Details

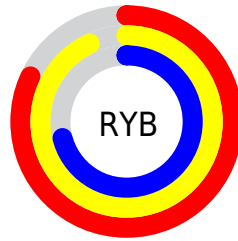
The CIELCh color **88, 21.091, 88.047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 20.979, 274.689**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **68, 21.121, 87.348** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.187, 86.706**, and if you desaturate by 10%, it is **90, 12.157, 89.356**.

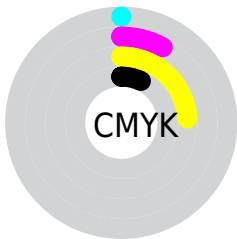
Distribution



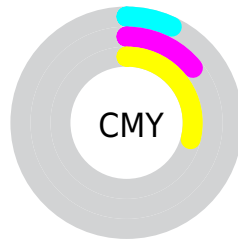
- Red (93%)
- Green (86%)
- Blue (71%)



- Red (82%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.091, 88.047 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, 21.091, 88.047 by changing the saturation by 10% instead.

88, 21.091, 88.047

88, 21.091, 88.047

100, 21.091,
88.047

78, 21.091, 88.047

68, 21.091, 88.047

58, 21.091, 88.047

48, 21.091, 88.047

38, 21.091, 88.047

28, 21.091, 88.047

18, 21.091, 88.047

8, 21.091, 88.047

0, 21.091, 88.047

88, 21.091, 88.047

88, 21.091, 88.047

86, 30.187, 86.706

90, 12.157, 89.356

83, 39.384, 85.316

93, 3.405, 90.565

81, 48.555, 83.880

96, 5.161, 271.918

79, 57.456, 82.378

98, 4.883, 227.003

77, 65.638, 80.760

99, 5.892, 199.145

75, 72.372, 78.924

73, 76.735, 76.694

71, 78.278, 75.151

Harmonies

Complementary

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



88, 21.091, 88.047



80, 20.979, 274.689

Rectangle

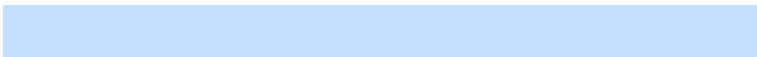
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 21.091, 88.047



88, 21.091, 138.047



88, 21.091, 268.047



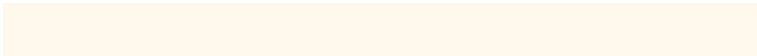
88, 21.091, 318.047

Sweetspot

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



88, 21.092, 88.054



98, 6.396, 90.217



79, 23.531, 356.186



52, 4.159, 90.144



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, 21.092, 88.054



92, 27.151, 87.366



92, 29.345, 114.956



49, 4.953, 89.918



56, 64.489, 75.668



16, 24.574, 78.473

Inverse Universe

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



80, 20.979, 274.689



82, 26.977, 275.638



76, 30.969, 298.754



47, 4.952, 272.413



31, 76.406, 296.590



7, 28.183, 289.964

Previews

White Background



This preview shows how the CIELCh color 88, 21.091, 88.047 looks on a white background.

Color Contrast Check

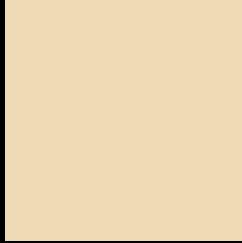
Large Text (above 18pt) WCAG AA × Fail

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, 21.091, 88.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

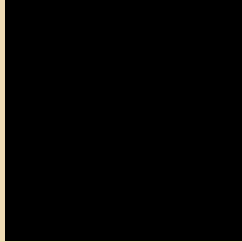
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 21.091, 88.047

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.091, 88.047.

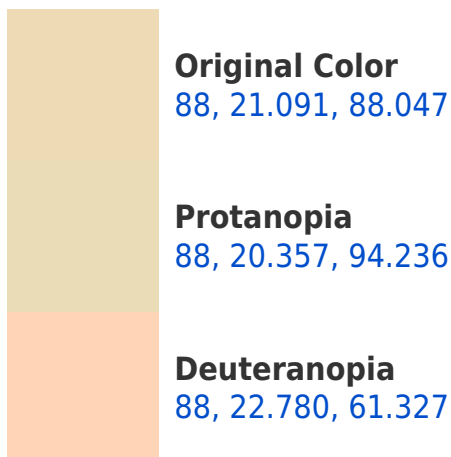



This preview shows how white text looks on a background with the CIELCh color 88, 21.091, 88.047.

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





Tritanopia
88, 14.565, 343.065

Trichromacy



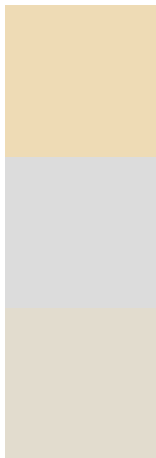
Original Color
88, 21.091, 88.047

Protanomaly
88, 20.566, 92.134

Deuteranomaly
88, 21.672, 69.679

Tritanomaly
88, 10.503, 28.607

Monochromacy



Original Color
88, 21.091, 88.047

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 7.598, 92.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.091, 88.047 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(238, 219, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 181)  
}
```

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(238, 219, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.091, 88.047 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(238, 219, 181) }
```

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

```
.border{ border-color:rgb(238, 219, 181) }
```

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

Here you see how a box with a 4 pixel rgb(238, 219, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.091, 88.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 181) }
```

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

```
.background{ background-color: rgb(238,  
219, 181) }
```

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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