

Converting Colors

CIELCh(84, 22.152, 92.398)

Have a look what the booklet for
CIELCh(84, 22.152, 92.398) contains.

CIELCh(84, 22.280, 92.933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 22.280, 92.933)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1A8
RGB	224, 209, 168
RGB Percent	88%, 82%, 66%
CMY	0.1228, 0.1816, 0.3423
CMYK	0.00, 0.07, 0.25, 0.12
HSL	44°, 47%, 77%
HSV	44°, 25%, 88%
XYZ	60.4107, 64.0658, 46.0849
YIQ	208.8110, 22.1010, -9.5710

Conversions

Conversions Part 2

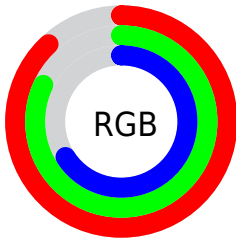
Format	Color
R _Y B	188, 224, 168
Decimal	14733736
CIE Lab	84.00, -1.14, 22.25
CIE LCh	84, 22.280, 92.933
Yxy	64.0658, 0.3542, 0.3756
Android (android.graphics.Color)	4292923816 (0xFFE0D1A8)
YUV	208.8110, -20.1198, 13.3208
Hunter-Lab	80.0411, -5.3497, 21.8916

Details

The CIELCh color **84, 22.280, 92.933** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 22.567, 279.603**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **64, 22.256, 93.515** is the 20% darker color. If you saturate the color by 10%, you get **82, 31.342, 91.647**, and if you desaturate by 10%, it is **86, 13.289, 94.192**.

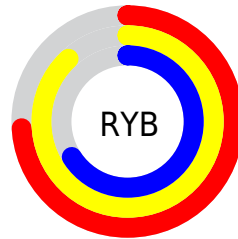
Distribution



Red (88%)

Green (82%)

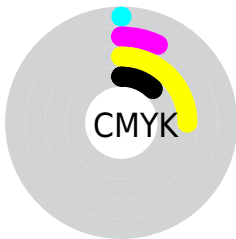
Blue (66%)



Red (74%)

Yellow (88%)

Blue (66%)

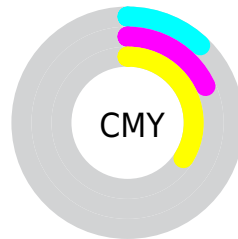


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.280, 92.933 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 84, 22.280, 92.933 by changing the saturation by 10% instead.

■ 84, 22.280, 92.933

■ 84, 22.280, 92.933

■ 100, 22.280,
92.933

■ 74, 22.280, 92.933

■ 64, 22.280, 92.933

■ 54, 22.280, 92.933

■ 44, 22.280, 92.933

■ 34, 22.280, 92.933

■ 24, 22.280, 92.933

■ 14, 22.280, 92.933

■ 4, 22.280, 92.933

■ 0, 22.280, 92.933

84, 22.280, 92.933

84, 22.280, 92.933

82, 31.342, 91.647

86, 13.289, 94.192

80, 40.388, 90.319

88, 4.407, 95.378

78, 49.263, 88.956

90, 4.349, 276.649

77, 57.687, 87.546

92, 11.882,
276.330

75, 65.183, 86.057

94, 9.727, 259.517

73, 71.043, 84.419

95, 8.761, 236.608

72, 74.479, 82.513

97, 9.337, 212.835

71, 75.483, 81.480

98, 10.601,
198.799

Harmonies

Complementary

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



84, 22.280, 92.933



74, 22.567, 279.603

Rectangle

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



84, 22.280, 92.933



84, 22.280, 142.933



84, 22.280, 272.933



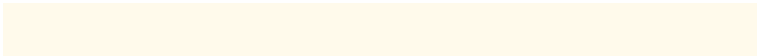
84, 22.280, 322.933

Sweetspot

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



84, 22.281, 92.939



98, 7.825, 95.031



74, 22.931, 359.797



52, 5.568, 94.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 22.281, 92.939



93, 29.789, 92.273



87, 29.314, 116.965



46, 5.013, 94.867



57, 63.160, 81.874



15, 21.819, 84.950

Inverse Universe

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



74, 22.567, 279.603



81, 30.274, 280.534



72, 30.943, 300.581



44, 5.044, 277.236



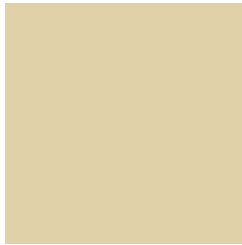
27, 81.284, 299.744



5, 25.769, 289.223

Previews

White Background



This preview shows how the CIELCh color 84, 22.280, 92.933 looks on a white background.

Color Contrast Check

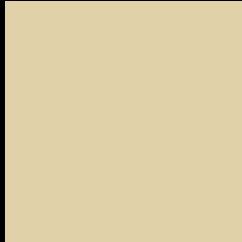
Large Text (above 18pt) WCAG AA × Fail

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 84, 22.280, 92.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

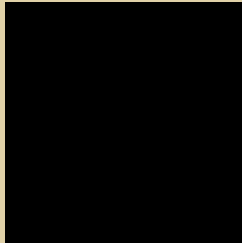
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 22.280, 92.933

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.280, 92.933.

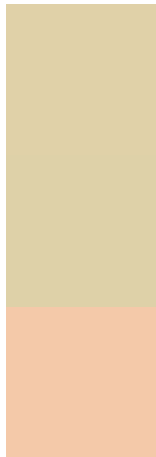


This preview shows how white text looks on a background with the CIELCh color 84, 22.280, 92.933.

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

84, 22.280, 92.933

Protanopia

84, 22.079, 94.915

Deuteranopia

84, 24.216, 63.719



Tritanopia
84, 13.232, 340.925

Trichromacy



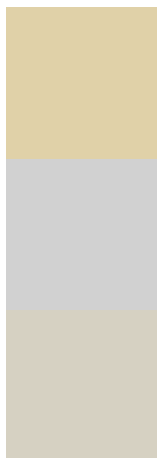
Original Color
84, 22.280, 92.933

Protanomaly
84, 22.176, 93.920

Deuteranomaly
84, 22.696, 73.352

Tritanomaly
84, 9.225, 33.124

Monochromacy



Original Color
84, 22.280, 92.933

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.086, 96.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.280, 92.933 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, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 168)  
}
```

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, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.280, 92.933 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, 209, 168) }
```

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

```
.border{ border-color:rgb(224, 209, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 209, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 209, 168); box-shadow:4px 4px 4px 4px rgb(224, 209, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.280, 92.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 168) }
```

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

```
.background{ background-color: rgb(224,  
209, 168) }
```

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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