

Converting Colors

CIELCh(84, 28.671, 93.131)

Have a look what the booklet for
CIELCh(84, 28.671, 93.131) contains.

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Color

CIELCh(84, 28.646, 93.147)

Conversions

Conversions Part 1

Format	Color
Hex	E3D19C
RGB	227, 209, 156
RGB Percent	89%, 82%, 61%
CMY	0.1114, 0.1819, 0.3897
CMYK	0.00, 0.08, 0.31, 0.11
HSL	45°, 56%, 75%
HSV	45°, 31%, 89%
XYZ	60.2285, 64.0658, 40.4805
YIQ	208.3400, 27.7410, -12.6670

Conversions

Conversions Part 2

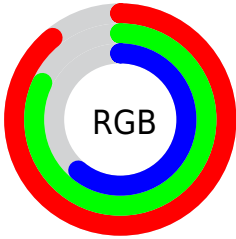
Format	Color
R _Y B	180, 227, 156
Decimal	14930332
CIE Lab	84.00, -1.57, 28.60
CIE LCh	84, 28.646, 93.147
Yxy	64.0658, 0.3655, 0.3888
Android (android.graphics.Color)	4293120412 (0xFFE3D19C)
YUV	208.3400, -25.8036, 16.3648
Hunter-Lab	80.0411, -5.7560, 26.0430

Details

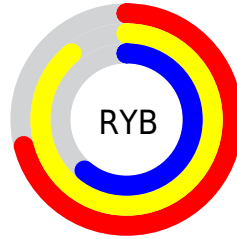
The CIELCh color **84, 28.646, 93.147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 29.272, 281.681**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **64, 28.932, 93.254** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.891, 91.853**, and if you desaturate by 10%, it is **86, 19.406, 94.417**.

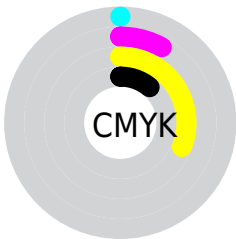
Distribution



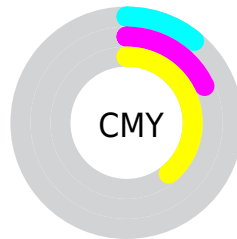
- Red (89%)
- Green (82%)
- Blue (61%)



- Red (71%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.646, 93.147 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, 28.646, 93.147 by changing the saturation by 10% instead.

 84, 28.646, 93.147

 84, 28.646, 93.147

 100, 28.646,
93.147

 74, 28.646, 93.147

 64, 28.646, 93.147

 54, 28.646, 93.147

 44, 28.646, 93.147

 34, 28.646, 93.147

 24, 28.646, 93.147

 14, 28.646, 93.147

 4, 28.646, 93.147

 0, 28.646, 93.147

84, 28.646, 93.147

84, 28.646, 93.147

82, 37.891, 91.853

86, 19.406, 94.417

80, 47.007, 90.523

88, 10.238, 95.640

79, 55.755, 89.156

90, 1.176, 96.675

77, 63.729, 87.735

92, 7.764, 278.022

75, 70.293, 86.211

94, 9.736, 268.961

74, 74.650, 84.494

95, 8.201, 247.702

73, 76.521, 82.800

96, 8.113, 222.086

98, 9.491, 200.257

98, 9.645, 198.865

Harmonies

Complementary

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



84, 28.646, 93.147



71, 29.272, 281.681

Rectangle

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



84, 28.646, 93.147



84, 28.646, 143.147



84, 28.646, 273.147



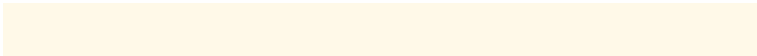
84, 28.646, 323.147

Sweetspot

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



84, 28.647, 93.152



98, 8.943, 95.908



72, 29.128, 1.872



52, 6.221, 95.735



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, 28.647, 93.152



92, 38.332, 92.255



87, 37.016, 117.240



46, 5.088, 95.863



58, 63.418, 83.187



15, 22.075, 86.255

Inverse Universe

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



71, 29.272, 281.681



75, 39.448, 283.059



68, 39.647, 301.739



44, 5.126, 278.206



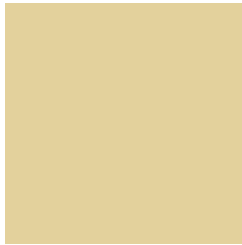
27, 82.854, 300.358



4, 26.113, 289.708

Previews

White Background



This preview shows how the CIELCh color 84, 28.646, 93.147 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, 28.646, 93.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

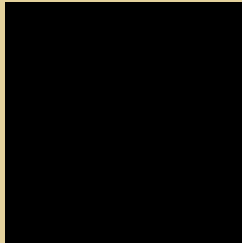
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 28.646, 93.147

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.646, 93.147.

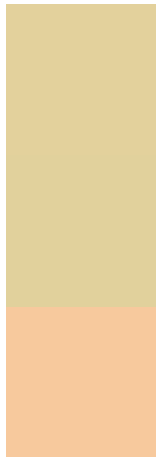


This preview shows how white text looks on a background with the CIELCh color 84, 28.646, 93.147.

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, 28.646, 93.147

Protanopia

84, 28.444, 94.719

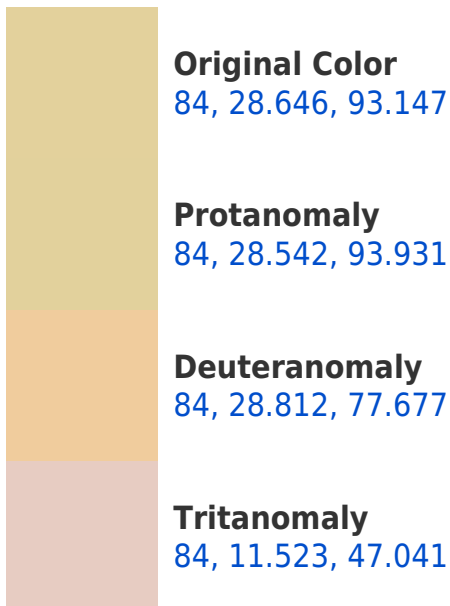
Deuteranopia

84, 30.010, 69.693



Tritanopia
84, 14.418, 347.409

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.646, 93.147 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(227, 209, 156)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 156)  
}
```

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(227, 209, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.646, 93.147 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(227, 209, 156) }
```

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

```
.border{ border-color:rgb(227, 209, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 156);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.646, 93.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 156) }
```

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

```
.background{ background-color: rgb(227,  
209, 156) }
```

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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