

Converting Colors

CIELCh(84, 35.256, 99.251)

Have a look what the booklet for
CIELCh(84, 35.256, 99.251) contains.

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Color

CIELCh(84, 35.155, 99.158)

Conversions

Conversions Part 1

Format	Color
Hex	DFD390
RGB	223, 211, 144
RGB Percent	87%, 83%, 56%
CMY	0.1268, 0.1738, 0.4365
CMYK	0.00, 0.05, 0.35, 0.13
HSL	51°, 55%, 72%
HSV	51°, 35%, 87%
XYZ	58.5519, 64.0658, 35.5416
YIQ	206.9500, 28.6590, -18.2930

Conversions

Conversions Part 2

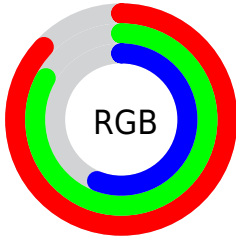
Format	Color
RYB	158, 223, 144
Decimal	14668688
CIELab	84.00, -5.60, 34.71
CIElCh	84, 35.155, 99.158
Yxy	64.0658, 0.3702, 0.4051
Android (android.graphics.Color)	4292858768 (0xFFDFD390)
YUV	206.9500, -31.0343, 14.0759
Hunter-Lab	80.0411, -9.4950, 29.7015

Details

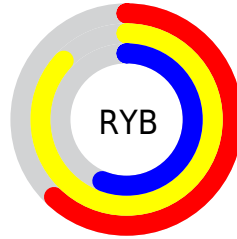
The CIELCh color **84, 35.155, 99.158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 37.229, 288.246**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **64, 35.148, 99.206** is the 20% darker color. If you saturate the color by 10%, you get **83, 44.842, 98.002**, and if you desaturate by 10%, it is **85, 25.281, 100.314**.

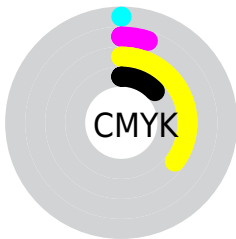
Distribution



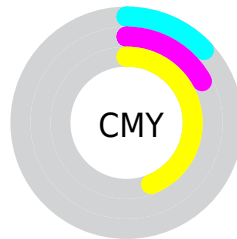
- Red (87%)
- Green (83%)
- Blue (56%)



- Red (62%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 35.155, 99.158 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, 35.155, 99.158 by changing the saturation by 10% instead.

 84, 35.155, 99.158

 84, 35.155, 99.158

 100, 35.155,
99.158

 74, 35.155, 99.158

 64, 35.155, 99.158

 54, 35.155, 99.158

 44, 35.155, 99.158

 34, 35.155, 99.158

 24, 35.155, 99.158

 14, 35.155, 99.158

 4, 35.155, 99.158

 0, 35.155, 99.158

84, 35.155, 99.158

84, 35.155, 99.158

83, 44.842, 98.002

85, 25.281,
100.314

82, 54.130, 96.846

87, 15.340,
101.445

81, 62.682, 95.703

80, 69.984, 94.577

88, 5.404, 102.536

79, 75.366, 93.459

89, 4.487, 283.669

78, 78.232, 92.317

91, 14.296,
284.674

77, 78.945, 91.789

92, 12.702,
278.458

93, 11.297,
270.627

93, 10.157,
260.863

Harmonies

Complementary

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



84, 35.155, 99.158



66, 37.229, 288.246

Rectangle

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



84, 35.155, 99.158



84, 35.155, 149.158



84, 35.155, 279.158



84, 35.155, 329.158

Sweetspot

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



84, 35.156, 99.162



98, 12.166, 101.931



68, 32.084, 9.976



52, 8.177, 101.780



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, 35.156, 99.162



94, 47.409, 98.251



85, 41.906, 121.086



47, 5.659, 102.110



62, 66.300, 91.983



17, 24.173, 94.516

Inverse Universe

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



66, 37.229, 288.246



69, 51.110, 289.806



65, 44.939, 305.391



44, 5.742, 284.260



23, 92.637, 303.761



3, 28.327, 292.494

Previews

White Background



This preview shows how the CIELCh color 84, 35.155, 99.158 looks on a white background.

Color Contrast Check

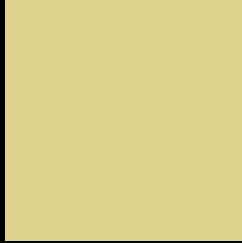
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 35.155, 99.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

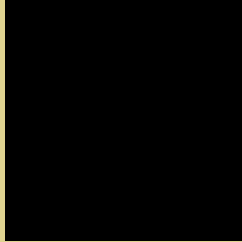
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 35.155, 99.158

Background



This preview shows how black text looks on a background with the CIELCh color 84, 35.155, 99.158.

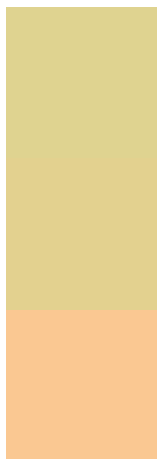


This preview shows how white text looks on a background with the CIELCh color 84, 35.155, 99.158.

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, 35.155, 99.158

Protanopia

84, 35.165, 95.097

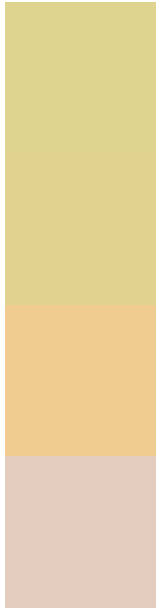
Deuteranopia

84, 35.444, 72.111



Tritanopia
84, 13.814, 342.940

Trichromacy



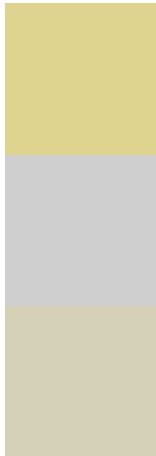
Original Color
84, 35.155, 99.158

Protanomaly
84, 35.386, 97.173

Deuteranomaly
84, 34.438, 82.023

Tritanomaly
84, 11.805, 61.551

Monochromacy



Original Color
84, 35.155, 99.158

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.747, 100.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 35.155, 99.158 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(223, 211, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 211, 144)  
}
```

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(223, 211, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 211, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 35.155, 99.158 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(223, 211, 144) }
```

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

```
.border{ border-color:rgb(223, 211, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 211, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 211, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 211, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 211,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 35.155, 99.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 211, 144) }
```

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

```
.background{ background-color: rgb(223,  
211, 144) }
```

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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