

Converting Colors

CIELCh(84, 27.388, 96.292)

Have a look what the booklet for
CIELCh(84, 27.388, 96.292) contains.

CIELCh(84, 27.653, 96.990)	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, 27.653, 96.990)

Conversions

Conversions Part 1

Format	Color
Hex	DFD29E
RGB	223, 210, 158
RGB Percent	87%, 82%, 62%
CMY	0.1266, 0.1775, 0.3814
CMYK	0.00, 0.06, 0.29, 0.13
HSL	48°, 50%, 75%
HSV	48°, 29%, 87%
XYZ	59.4775, 64.0658, 41.4640
YIQ	207.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

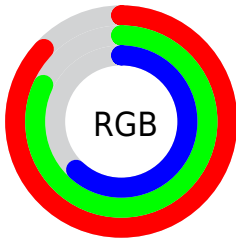
Format	Color
R_{YB}	174, 223, 158
Decimal	14668446
CIE _{Lab}	84.00, -3.37, 27.45
CIE _{LCh}	84, 27.653, 96.990
Yxy	64.0658, 0.3605, 0.3883
Android (android.graphics.Color)	4292858526 (0xFFDFD29E)
YUV	207.9590, -24.6298, 13.1910
Hunter-Lab	80.0411, -7.4310, 25.3145

Details

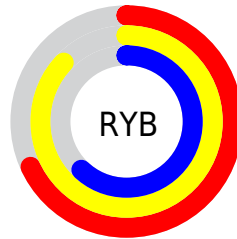
The CIELCh color **84, 27.653, 96.990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 28.609, 284.524**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **64, 27.899, 97.412** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.130, 95.772**, and if you desaturate by 10%, it is **86, 18.133, 98.192**.

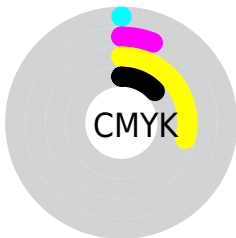
Distribution



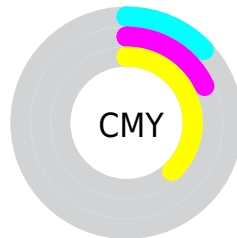
- Red (87%)
- Green (82%)
- Blue (62%)



- Red (68%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.653, 96.990 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, 27.653, 96.990 by changing the saturation by 10% instead.

 84, 27.653, 96.990

 84, 27.653, 96.990

 100, 27.653,
96.990

 74, 27.653, 96.990

 64, 27.653, 96.990

 54, 27.653, 96.990

 44, 27.653, 96.990

 34, 27.653, 96.990

 24, 27.653, 96.990

 14, 27.653, 96.990

 4, 27.653, 96.990

 0, 27.653, 96.990

84, 27.653, 96.990

84, 27.653, 96.990

82, 37.130, 95.772

86, 18.133, 98.192

81, 46.427, 94.531

87, 8.640, 99.351

80, 55.315, 93.277

89, 0.785, 280.720

78, 63.410, 92.006

91, 10.121,
281.609

77, 70.131, 90.701

92, 12.240,
276.324

76, 74.749, 89.317

75, 76.924, 87.798

93, 10.538,
264.853

75, 77.068, 87.672

94, 9.393, 249.925

95, 9.010, 232.486

96, 9.473, 215.276

Harmonies

Complementary

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



84, 27.653, 96.990



71, 28.609, 284.524

Rectangle

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



84, 27.653, 96.990



84, 27.653, 146.990



84, 27.653, 276.990



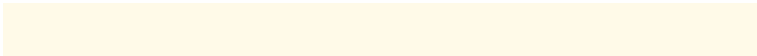
84, 27.653, 326.990

Sweetspot

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



84, 27.654, 96.995



98, 9.458, 99.363



72, 26.186, 6.486



52, 6.577, 99.197



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, 27.654, 96.995



94, 37.037, 96.253



86, 34.410, 120.103



46, 5.381, 99.320



60, 64.715, 87.944



16, 23.123, 90.819

Inverse Universe

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



71, 28.609, 284.524



76, 38.672, 285.643



69, 36.485, 303.783



44, 5.443, 281.561



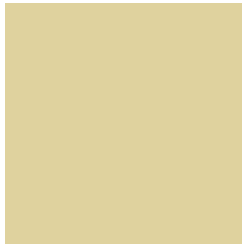
25, 88.344, 302.351



4, 27.301, 291.269

Previews

White Background



This preview shows how the CIELCh color 84, 27.653, 96.990 looks on a white background.

Color Contrast Check

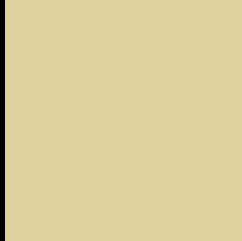
Large Text (above 18pt) WCAG AA × Fail

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, 27.653, 96.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

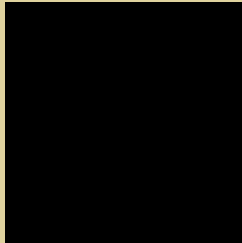
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.653, 96.990

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.653, 96.990.

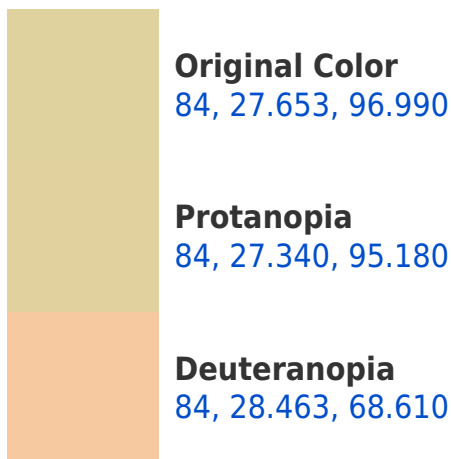


This preview shows how white text looks on a background with the CIELCh color 84, 27.653, 96.990.

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](#).

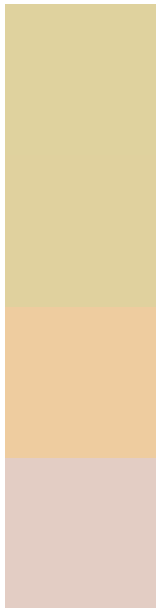
Dichromacy





Tritanopia
84, 13.232, 340.925

Trichromacy



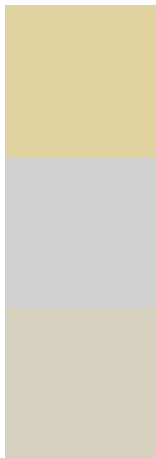
Original Color
84, 27.653, 96.990

Protanomaly
84, 27.340, 95.180

Deuteranomaly
84, 27.457, 78.189

Tritanomaly
84, 9.545, 49.485

Monochromacy



Original Color
84, 27.653, 96.990

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 10.084, 100.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.653, 96.990 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, 210, 158)` looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 158)  
}
```

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, 210, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.653, 96.990 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, 210, 158) }
```

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

```
.border{ border-color:rgb(223, 210, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 210, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 210, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 210, 158);  
box-shadow:4px 4px 4px 4px rgb(223, 210,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.653, 96.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 158) }
```

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

```
.background{ background-color: rgb(223,  
210, 158) }
```

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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