

Converting Colors

CIELCh(84, 35.100, 100.762)

Have a look what the booklet for
CIELCh(84, 35.100, 100.762)
contains.

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Color

CIELCh(84, 35.045, 100.477)

Conversions

Conversions Part 1

Format	Color
Hex	DDD390
RGB	221, 211, 144
RGB Percent	87%, 83%, 56%
CMY	0.1328, 0.1720, 0.4348
CMYK	0.00, 0.05, 0.35, 0.13
HSL	52°, 53%, 72%
HSV	52°, 35%, 87%
XYZ	58.2315, 64.0658, 35.7326
YIQ	206.3520, 27.4670, -18.7170

Conversions

Conversions Part 2

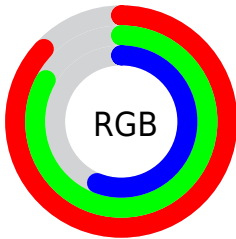
Format	Color
R _{YB}	155, 221, 144
Decimal	14537616
CIE Lab	84.00, -6.37, 34.46
CIE LCh	84, 35.045, 100.477
Yxy	64.0658, 0.3685, 0.4054
Android (android.graphics.Color)	4292727696 (0xFFDDD390)
YUV	206.3520, -30.7395, 12.8463
Hunter-Lab	80.0411, -10.2095, 29.5601

Details

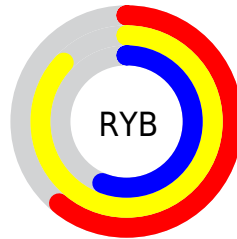
The CIELCh color **84, 35.045, 100.477** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 37.267, 289.204**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **64, 35.039, 100.630** is the 20% darker color. If you saturate the color by 10%, you get **83, 44.845, 99.357**, and if you desaturate by 10%, it is **85, 25.040, 101.602**.

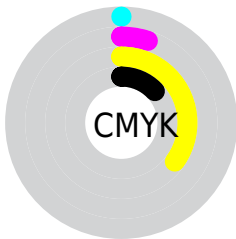
Distribution



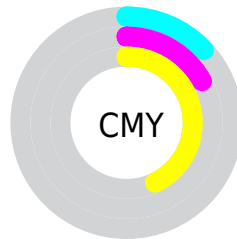
- Red (87%)
- Green (83%)
- Blue (56%)



- Red (61%)
- Yellow (87%)
- Blue (56%)



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





- Cyan (13%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 35.045, 100.477 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, 35.045, 100.477 by changing the saturation by 10% instead.

 84, 35.045,
100.477

 84, 35.045,
100.477


 100, 35.045,
100.477


 74, 35.045,
100.477

 64, 35.045,
100.477

 54, 35.045,
100.477

 44, 35.045,
100.477

 34, 35.045,
100.477

 24, 35.045,
100.477

 14, 35.045,

100.477

■ 4, 35.045, 100.477

■ 0, 35.045, 100.477

■ 84, 35.045,
100.477

■ 84, 35.045,
100.477

■ 83, 44.845, 99.357

■ 85, 25.040,
101.602

■ 82, 54.227, 98.244

■ 86, 14.951,
102.708

■ 81, 62.859, 97.155

■ 80, 70.239, 96.103

■ 88, 4.852, 103.774

■ 79, 75.721, 95.088

■ 89, 5.214, 284.878

■ 78, 78.730, 94.092

■ 90, 15.221,
285.876

■ 78, 79.544, 93.577

■ 91, 13.979,
281.268

■ 92, 12.692,
275.621

■ 92, 11.554,
268.814

■ 93, 10.610,
260.698

Harmonies

Complementary

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



84, 35.045, 100.477



65, 37.267, 289.204

Rectangle

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



84, 35.045, 100.477



84, 35.045, 150.477



84, 35.045, 280.477



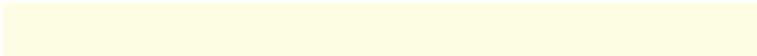
84, 35.045, 330.477

Sweetspot

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



84, 35.046, 100.481



99, 11.311, 103.222



68, 31.209, 12.414



52, 7.720, 103.069



0, 0.000, 0.000



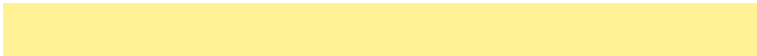
53, 0.007, 296.813

Same Dimension

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



84, 35.046, 100.481



94, 47.256, 99.636



85, 41.216, 122.440



46, 5.681, 103.291



63, 66.424, 93.745



16, 23.306, 96.346

Inverse Universe

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



65, 37.267, 289.204



69, 51.171, 290.655



65, 43.979, 306.432



43, 5.772, 285.395



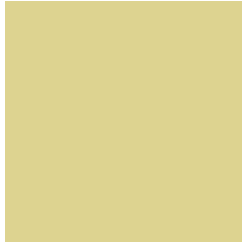
22, 93.257, 304.268



3, 26.949, 291.973

Previews

White Background



This preview shows how the CIELCh color 84, 35.045, 100.477 looks on a white background.

Color Contrast Check

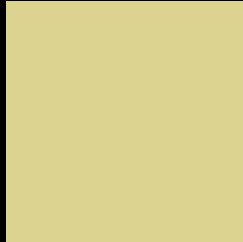
Large Text (above 18pt) WCAG AA × Fail

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, 35.045, 100.477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

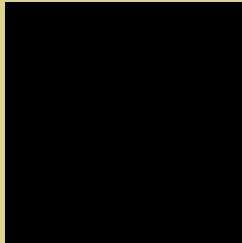
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 35.045, 100.477

Background



This preview shows how black text looks on a background with the CIELCh color 84, 35.045, 100.477.



This preview shows how white text looks on a background with the CIELCh color 84, 35.045, 100.477.

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, 35.045, 100.477

Protanopia

84, 35.165, 95.097

Deuteranopia

84, 35.444, 72.111



Tritanopia
84, 13.232, 340.925

Trichromacy



Original Color
84, 35.045, 100.477

Protanomaly
84, 35.386, 97.173

Deuteranomaly
84, 34.438, 82.023

Tritanomaly
84, 11.151, 60.947

Monochromacy



Original Color
84, 35.045, 100.477

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.697, 102.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 35.045, 100.477 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(221, 211, 144)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 211, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 35.045, 100.477 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(221, 211, 144) }
```

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

```
.border{ border-color:rgb(221, 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(221, 211, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 144);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 35.045, 100.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 144) }
```

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

```
.background{ background-color: rgb(221,  
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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