

Converting Colors

CIELCh(84, 36.249, 109.572)

Have a look what the booklet for
CIELCh(84, 36.249, 109.572)
contains.

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Color

CIELCh(84, 36.276, 109.556)

Conversions

Conversions Part 1

Format	Color
Hex	D2D690
RGB	210, 214, 144
RGB Percent	82%, 84%, 56%
CMY	0.1750, 0.1593, 0.4339
CMYK	0.02, 0.00, 0.33, 0.16
HSL	63°, 46%, 70%
HSV	63°, 33%, 84%
XYZ	55.8900, 64.0658, 35.9485
YIQ	204.8240, 20.0860, -22.6180

Conversions

Conversions Part 2

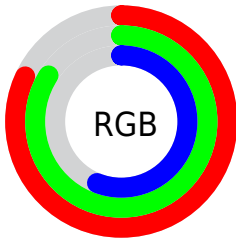
Format	Color
RYB	144, 214, 148
Decimal	13817488
CIELab	84.00, -12.14, 34.18
CIElCh	84, 36.276, 109.556
Yxy	64.0658, 0.3585, 0.4109
Android (android.graphics.Color)	4292007568 (0xFFD2D690)
YUV	204.8240, -29.9862, 4.5394
Hunter-Lab	80.0411, -15.4313, 29.4001

Details

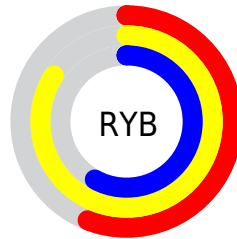
The CIELCh color $84, 36.276, 109.556$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63, 39.309, 296.117$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 28.732, 107.994$, and $64, 35.865, 109.039$ is the 20% darker color. If you saturate the color by 10%, you get $84, 46.892, 108.714$, and if you desaturate by 10%, it is $84, 25.335, 110.435$.

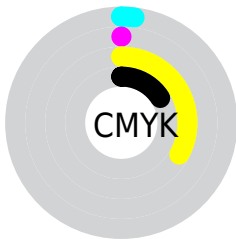
Distribution



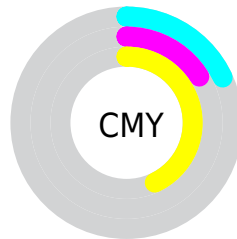
- Red (82%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 36.276, 109.556 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, 36.276, 109.556 by changing the saturation by 10% instead.


 84, 36.276,
109.556


 84, 36.276,
109.556


 100, 36.276,
109.556


 74, 36.276,
109.556

 64, 36.276,
109.556

 54, 36.276,
109.556

 44, 36.276,
109.556

 34, 36.276,
109.556

 24, 36.276,
109.556

 14, 36.276,

109.556

■ 4, 36.276, 109.556

■ 0, 36.276, 109.556

■ 84, 36.276,
109.556

■ 84, 36.276,
109.556

■ 84, 46.892,
108.714

■ 84, 25.335,
110.435

■ 83, 56.959,
107.929

■ 85, 14.207,
111.318

■ 83, 66.153,
107.245

■ 86, 2.986, 112.181

■ 83, 74.020,
106.713

■ 86, 8.269, 293.057

■ 83, 80.027,

■ 87, 19.514,
293.879

106.389

87, 21.341,
294.929

82, 83.745,
106.320

87, 21.372,
296.025

82, 85.233,
106.407

87, 21.409,
297.121

87, 21.454,
298.216

Harmonies

Complementary

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



84, 36.276, 109.556



63, 39.309, 296.117

Rectangle

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



84, 36.276, 109.556



84, 36.276, 159.556



84, 36.276, 289.556



84, 36.276, 339.556

Sweetspot

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



84, 36.278, 109.559



99, 12.922, 111.543



68, 27.397, 25.969



53, 8.814, 111.418



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, 36.278, 109.559



98, 49.540, 108.986



82, 39.462, 129.295



45, 6.367, 111.602



67, 71.964, 106.353



17, 25.047, 107.760

Inverse Universe

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



63, 39.309, 296.117



68, 54.797, 297.131



66, 41.096, 312.309



41, 6.508, 293.306



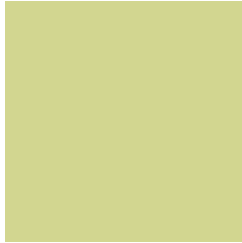
20, 98.823, 306.472



2, 27.632, 295.469

Previews

White Background



This preview shows how the CIELCh color 84, 36.276, 109.556 looks on a white background.

Color Contrast Check

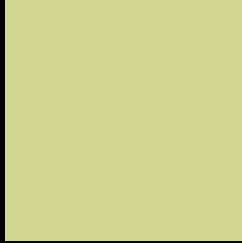
Large Text (above 18pt) WCAG AA × Fail

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, 36.276, 109.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

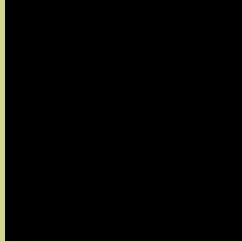
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

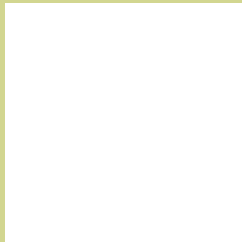
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 36.276, 109.556

Background



This preview shows how black text looks on a background with the CIELCh color 84, 36.276, 109.556.



This preview shows how white text looks on a background with the CIELCh color 84, 36.276, 109.556.

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, 36.276, 109.556

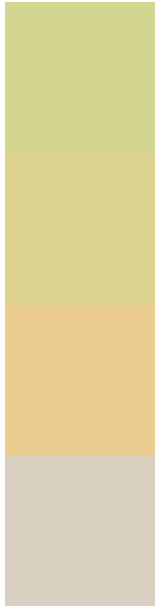
Protanopia
84, 35.665, 95.208

Deuteranopia
84, 34.746, 72.234



Tritanopia
84, 10.057, 323.098

Trichromacy



Original Color
84, 36.276, 109.556

Protanomaly
84, 35.549, 100.519

Deuteranomaly
84, 33.348, 85.853

Tritanomaly
84, 8.562, 86.218

Monochromacy



Original Color
84, 36.276, 109.556

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 13.152, 110.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 36.276, 109.556 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(210, 214, 144)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 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(210, 214, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 36.276, 109.556 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(210, 214, 144) }
```

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

```
.border{ border-color:rgb(210, 214, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 144);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 36.276, 109.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 144) }
```

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

```
.background{ background-color: rgb(210,  
214, 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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