

Converting Colors

CIELCh(84, 35.263, 106.436)

Have a look what the booklet for
CIELCh(84, 35.263, 106.436)
contains.

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Color

CIELCh(84, 35.254, 106.442)

Conversions

Conversions Part 1

Format	Color
Hex	D6D591
RGB	214, 213, 145
RGB Percent	84%, 84%, 57%
CMY	0.1600, 0.1639, 0.4306
CMYK	0.00, 0.00, 0.32, 0.16
HSL	59°, 46%, 70%
HSV	59°, 32%, 84%
XYZ	56.7607, 64.0658, 36.2388
YIQ	205.5470, 22.4240, -20.9360

Conversions

Conversions Part 2

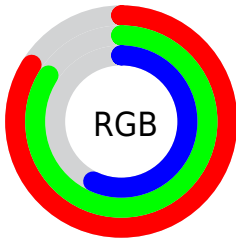
Format	Color
R _{YB}	146, 214, 145
Decimal	14079377
CIE Lab	84.00, -9.98, 33.81
CIE LCh	84, 35.254, 106.442
Yxy	64.0658, 0.3614, 0.4079
Android (android.graphics.Color)	4292269457 (0xFFD6D591)
YUV	205.5470, -29.8497, 7.4133
Hunter-Lab	80.0411, -13.4895, 29.1851

Details

The CIELCh color $84, 35.254, 106.442$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63, 38.084, 293.684$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 28.233, 108.033$, and $64, 34.815, 106.369$ is the 20% darker color. If you saturate the color by 10%, you get $84, 45.754, 105.491$, and if you desaturate by 10%, it is $84, 24.455, 107.424$.

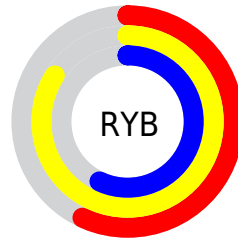
Distribution



Red (84%)

Green (84%)

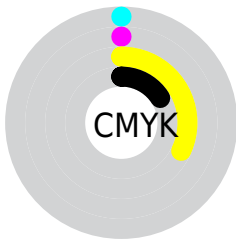
Blue (57%)



Red (57%)

Yellow (84%)

Blue (57%)

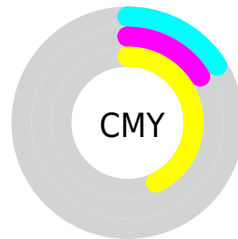


Cyan (0%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (16%)

Magenta (16%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 35.254, 106.442 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, 35.254, 106.442 by changing the saturation by 10% instead.


 84, 35.254,
106.442


 84, 35.254,
106.442


 100, 35.254,
106.442


 74, 35.254,
106.442

 64, 35.254,
106.442

 54, 35.254,
106.442

 44, 35.254,
106.442

 34, 35.254,
106.442

 24, 35.254,
106.442

 14, 35.254,

106.442

■ 4, 35.254, 106.442

■ 0, 35.254, 106.442

■ 84, 35.254,
106.442

■ 84, 35.254,
106.442

■ 84, 45.754,
105.491

■ 84, 24.455,
107.424

■ 83, 55.738,
104.586

■ 85, 13.489,
108.406

■ 83, 64.886,
103.760

■ 86, 2.444, 109.356

■ 83, 72.746,
103.051

■ 86, 8.623, 290.349

■ 83, 78.775,

■ 87, 19.676,
291.268

102.495

87, 20.924,
291.120

82, 82.518,
102.119

87, 20.757,
290.814

82, 84.044,
101.931

87, 20.590,
290.504

87, 20.423,
290.189

Harmonies

Complementary

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



84, 35.254, 106.442



63, 38.084, 293.684

Rectangle

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



84, 35.254, 106.442



84, 35.254, 156.442



84, 35.254, 286.442



84, 35.254, 336.442

Sweetspot

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



84, 35.256, 106.446



99, 12.721, 108.612



67, 28.118, 20.932



53, 8.678, 108.474



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, 35.256, 106.446



98, 48.845, 105.758



82, 38.234, 126.966



45, 6.268, 108.678



67, 71.021, 101.945



17, 24.656, 103.739

Inverse Universe

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



63, 38.084, 293.684



68, 53.923, 294.914



66, 40.082, 310.101



41, 6.404, 290.586



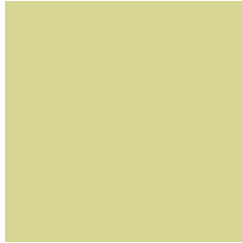
20, 98.432, 306.095



2, 27.298, 293.726

Previews

White Background



This preview shows how the CIELCh color 84, 35.254, 106.442 looks on a white background.

Color Contrast Check

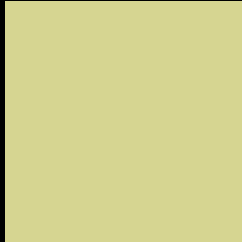
Large Text (above 18pt) WCAG AA × Fail

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, 35.254, 106.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

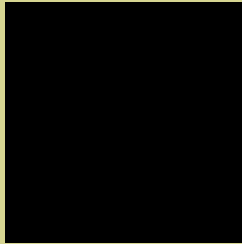
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 35.254, 106.442

Background



This preview shows how black text looks on a background with the CIELCh color 84, 35.254, 106.442.

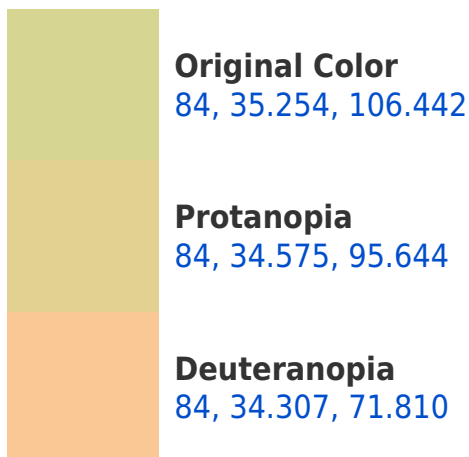


This preview shows how white text looks on a background with the CIELCh color 84, 35.254, 106.442.

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](#).

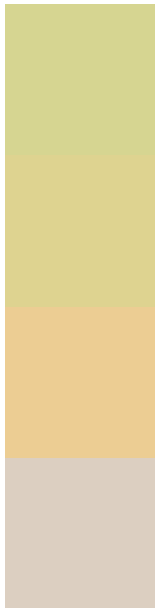
Dichromacy





Tritanopia
84, 10.909, 329.583

Trichromacy



Original Color
84, 35.254, 106.442

Protanomaly
84, 35.097, 99.817

Deuteranomaly
84, 33.029, 84.936

Tritanomaly
84, 8.828, 75.832

Monochromacy



Original Color
84, 35.254, 106.442

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 13.131, 109.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 35.254, 106.442 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(214, 213, 145)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 145)  
}
```

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(214, 213, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 35.254, 106.442 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(214, 213, 145) }
```

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

```
.border{ border-color:rgb(214, 213, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 145);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 35.254, 106.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 145) }
```

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

```
.background{ background-color: rgb(214,  
213, 145) }
```

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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