

Converting Colors

CIELCh(84, 43.333, 106.270)

Have a look what the booklet for
CIELCh(84, 43.333, 106.270)
contains.

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Color

CIELCh(84, 43.209, 106.406)

Conversions

Conversions Part 1

Format	Color
Hex	D6D682
RGB	214, 214, 130
RGB Percent	84%, 84%, 51%
CMY	0.1604, 0.1604, 0.4898
CMYK	0.00, 0.00, 0.39, 0.16
HSL	60°, 51%, 67%
HSV	60°, 39%, 84%
XYZ	55.8654, 64.0658, 30.5722
YIQ	204.4240, 26.9640, -26.1240

Conversions

Conversions Part 2

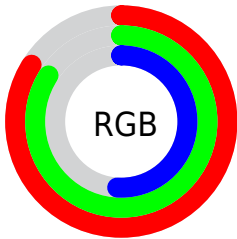
Format	Color
R_{YB}	130, 214, 130
Decimal	14079618
CIE _{Lab}	84.00, -12.20, 41.45
CIE _{LCh}	84, 43.209, 106.406
Yxy	64.0658, 0.3712, 0.4257
Android (android.graphics.Color)	4292269698 (0xFFD6D682)
YUV	204.4240, -36.6910, 8.3982
Hunter-Lab	80.0411, -15.4862, 33.3826

Details

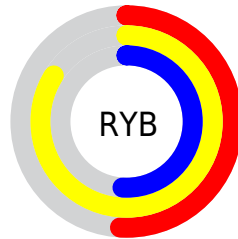
The CIELCh color **84, 43.209, 106.406** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **58, 47.811, 295.420**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.677, 107.459**, and **64, 42.887, 106.094** is the 20% darker color. If you saturate the color by 10%, you get **84, 53.475, 105.510**, and if you desaturate by 10%, it is **84, 32.485, 107.354**.

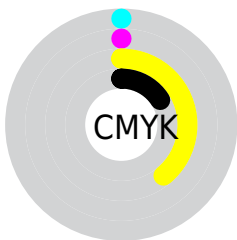
Distribution



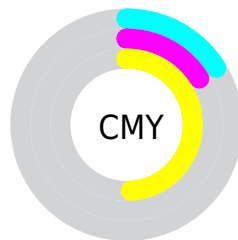
- Red (84%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 43.209, 106.406 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, 43.209, 106.406 by changing the saturation by 10% instead.

 84, 43.209,
106.406

 84, 43.209,
106.406

 100, 43.209,
106.406

 74, 43.209,
106.406

 64, 43.209,
106.406

 54, 43.209,
106.406

 44, 43.209,
106.406

 34, 43.209,
106.406

 24, 43.209,
106.406

 14, 43.209,

106.406

■ 4, 43.209, 106.406

■ 0, 43.209, 106.406

■ 84, 43.209,
106.406

■ 84, 43.209,
106.406

■ 84, 53.475,
105.510

■ 84, 32.485,
107.354

■ 84, 62.989,
104.686

■ 85, 21.489,
108.320

■ 83, 71.338,
103.976

■ 85, 10.346,
109.287

■ 83, 78.003,
103.421

■ 86, 0.866, 290.331

■ 83, 82.490,

■ 86, 12.095,
291.195

103.053

87, 21.449,
291.951

83, 84.788,
102.867

87, 21.449,
291.952

83, 84.933,
102.855

87, 21.449,
291.953

87, 21.449,
291.954

Harmonies

Complementary

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



84, 43.209, 106.406



58, 47.811, 295.420

Rectangle

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



84, 43.209, 106.406



84, 43.209, 156.406



84, 43.209, 286.406



84, 43.209, 336.406

Sweetspot

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



84, 43.210, 106.409



99, 15.480, 109.010



63, 35.192, 23.193



53, 10.265, 108.882



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, 43.210, 106.409



98, 58.995, 105.664



81, 46.546, 127.228



45, 6.359, 109.269



68, 71.786, 102.855



17, 25.020, 104.497

Inverse Universe

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



58, 47.811, 295.420



61, 67.161, 296.977



61, 49.251, 311.032



41, 6.500, 291.156



20, 99.123, 306.287



2, 27.577, 294.043

Previews

White Background



This preview shows how the CIELCh color 84, 43.209, 106.406 looks on a white background.

Color Contrast Check

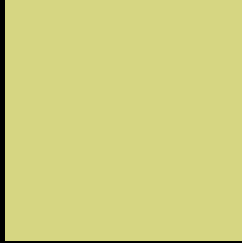
Large Text (above 18pt) WCAG AA × Fail

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, 43.209, 106.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

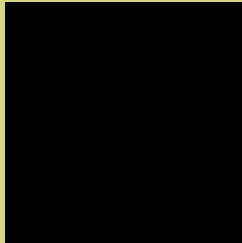
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 43.209, 106.406

Background



This preview shows how black text looks on a background with the CIELCh color 84, 43.209, 106.406.



This preview shows how white text looks on a background with the CIELCh color 84, 43.209, 106.406.

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, 43.209, 106.406

Protanopia

84, 42.767, 95.274

Deuteranopia

84, 41.741, 75.596



Tritanopia
84, 11.387, 332.470

Trichromacy



Original Color
84, 43.209, 106.406

Protanomaly
84, 42.683, 99.224

Deuteranomaly
84, 40.593, 87.013

Tritanomaly
84, 11.613, 84.027

Monochromacy



Original Color
84, 43.209, 106.406

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 15.763, 108.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 43.209, 106.406 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, 214, 130)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 130)  
}
```

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, 214, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 43.209, 106.406 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, 214, 130) }
```

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

```
.border{ border-color:rgb(214, 214, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 130);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 43.209, 106.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 130) }
```

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

```
.background{ background-color: rgb(214,  
214, 130) }
```

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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