

Converting Colors

CIELCh(84, 27.914, 109.515)

Have a look what the booklet for
CIELCh(84, 27.914, 109.515)
contains.

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Color

CIELCh(84, 27.621, 109.404)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5A0
RGB	211, 213, 160
RGB Percent	83%, 84%, 63%
CMY	0.1720, 0.1642, 0.3720
CMYK	0.01, 0.00, 0.25, 0.16
HSL	62°, 39%, 73%
HSV	62°, 25%, 84%
XYZ	57.0857, 64.0658, 42.6729
YIQ	206.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

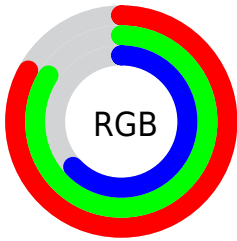
Format	Color
RYB	160, 213, 162
Decimal	13882784
CIELab	84.00, -9.18, 26.05
CIELCh	84, 27.621, 109.404
Yxy	64.0658, 0.3485, 0.3911
Android (android.graphics.Color)	4292072864 (0xFFD3D5A0)
YUV	206.3600, -22.8555, 4.0693
Hunter-Lab	80.0411, -12.7648, 24.4190

Details

The CIELCh color $84, 27.621, 109.404$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68, 29.293, 294.396$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 20.216, 108.647$, and $64, 27.436, 108.953$ is the 20% darker color. If you saturate the color by 10%, you get $84, 38.449, 108.508$, and if you desaturate by 10%, it is $84, 16.586, 110.319$.

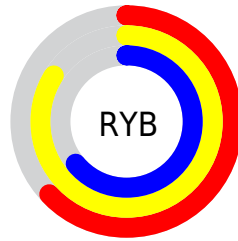
Distribution



Red (83%)

Green (84%)

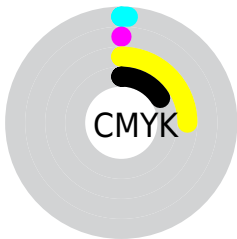
Blue (63%)



Red (63%)

Yellow (84%)

Blue (64%)

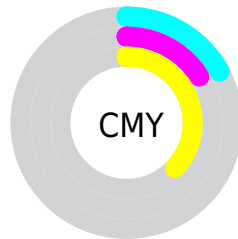


Cyan (1%)

Magenta (0%)

Yellow (25%)

Black (16%)



Cyan (17%)

Magenta (16%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.621, 109.404 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, 27.621, 109.404 by changing the saturation by 10% instead.

 84, 27.621,
109.404

 84, 27.621,
109.404

 100, 27.621,
109.404

 74, 27.621,
109.404

 64, 27.621,
109.404

 54, 27.621,
109.404

 44, 27.621,
109.404

 34, 27.621,
109.404

 24, 27.621,
109.404

 14, 27.621,

109.404

■ 4, 27.621, 109.404

■ 0, 27.621, 109.404

■ 84, 27.621,
109.404

■ 84, 27.621,
109.404

■ 84, 38.449,
108.508

■ 84, 16.586,
110.319

■ 83, 48.909,
107.644

■ 85, 5.438, 111.220

■ 83, 58.763,
106.846

■ 86, 5.753, 292.129

■ 83, 67.657,
106.155

■ 86, 16.944,
292.986

■ 82, 75.114,

■ 87, 21.991,
293.746

105.618

87, 22.004,
294.444

82, 80.605,
105.286

87, 22.021,
295.141

82, 83.767,
105.193

87, 22.041,
295.839

82, 84.747,
105.211

87, 22.063,
296.537

Harmonies

Complementary

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



84, 27.621, 109.404



68, 29.293, 294.396

Rectangle

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



84, 27.621, 109.404



84, 27.621, 159.404



84, 27.621, 289.404



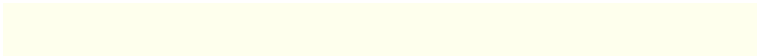
84, 27.621, 339.404

Sweetspot

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



84, 27.623, 109.408



100, 9.042, 111.025



71, 20.442, 23.885



53, 5.875, 110.970



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, 27.623, 109.408



98, 38.403, 108.916



82, 29.843, 129.099



45, 6.363, 110.813



67, 71.869, 105.175



17, 25.027, 106.660

Inverse Universe

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



68, 29.293, 294.396



76, 41.340, 295.150



70, 30.802, 311.368



41, 6.505, 292.578



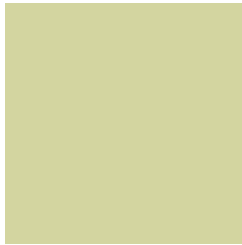
20, 98.924, 306.410



2, 27.612, 294.987

Previews

White Background



This preview shows how the CIELCh color 84, 27.621, 109.404 looks on a white background.

Color Contrast Check

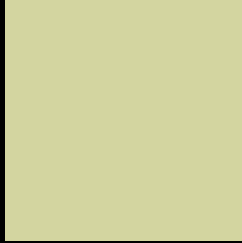
Large Text (above 18pt) WCAG AA × Fail

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, 27.621, 109.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

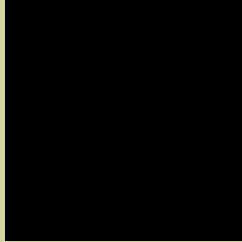
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

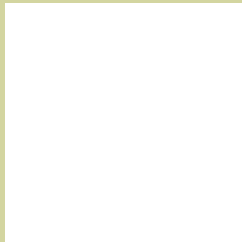
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 27.621, 109.404

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.621, 109.404.



This preview shows how white text looks on a background with the CIELCh color 84, 27.621, 109.404.

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, 27.621, 109.404

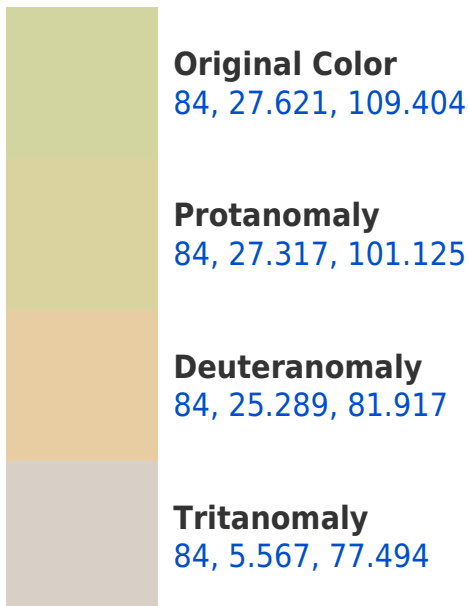
Protanopia
84, 27.340, 95.180

Deuteranopia
84, 26.931, 67.381



Tritanopia
84, 9.869, 321.322

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.621, 109.404 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(211, 213, 160)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 160)  
}
```

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(211, 213, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.621, 109.404 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(211, 213, 160) }
```

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

```
.border{ border-color:rgb(211, 213, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 160);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.621, 109.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 160) }
```

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

```
.background{ background-color: rgb(211,  
213, 160) }
```

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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