

Converting Colors

CIELCh(84, 23.582, 110.966)

Have a look what the booklet for
CIELCh(84, 23.582, 110.966)
contains.

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Color

CIELCh(84, 23.521, 110.976)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5A8
RGB	210, 213, 168
RGB Percent	82%, 84%, 66%
CMY	0.1768, 0.1650, 0.3415
CMYK	0.01, 0.00, 0.21, 0.16
HSL	64°, 35%, 75%
HSV	64°, 21%, 84%
XYZ	57.3934, 64.0658, 46.3511
YIQ	206.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

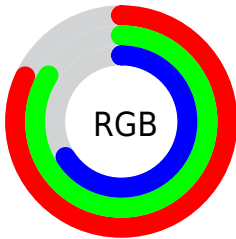
Format	Color
RYB	168, 213, 171
Decimal	13817256
CIELab	84.00, -8.42, 21.96
CIELCh	84, 23.521, 110.976
Yxy	64.0658, 0.3420, 0.3818
Android (android.graphics.Color)	4292007336 (0xFFD2D5A8)
YUV	206.9730, -19.2137, 2.6547
Hunter-Lab	80.0411, -12.0787, 21.6945

Details

The CIELCh color **84, 23.521, 110.976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 24.700, 294.933**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **64, 23.151, 110.757** is the 20% darker color. If you saturate the color by 10%, you get **84, 34.446, 110.117**, and if you desaturate by 10%, it is **85, 12.432, 111.848**.

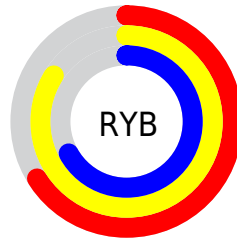
Distribution



Red (82%)

Green (84%)

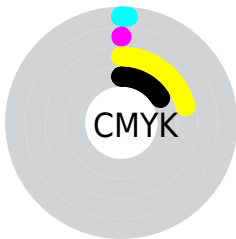
Blue (66%)



Red (66%)

Yellow (84%)

Blue (67%)

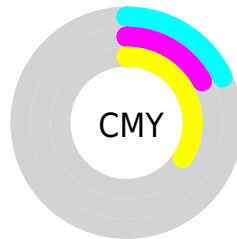


Cyan (1%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (18%)


Magenta (17%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.521, 110.976 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, 23.521, 110.976 by changing the saturation by 10% instead.


 84, 23.521,
110.976

 84, 23.521,
110.976


 100, 23.521,
110.976


 74, 23.521,
110.976

 64, 23.521,
110.976

 54, 23.521,
110.976

 44, 23.521,
110.976

 34, 23.521,
110.976

 24, 23.521,
110.976

 14, 23.521,

110.976

■ 4, 23.521, 110.976

■ 0, 23.521, 110.976

■ 84, 23.521,
110.976

■ 84, 23.521,
110.976

■ 84, 34.446,
110.117

■ 85, 12.432,
111.848

■ 83, 45.068,
109.279

■ 85, 1.260, 112.677

■ 83, 55.188,
108.498

■ 86, 9.938, 293.549

■ 82, 64.498,
107.812

■ 87, 21.120,
294.353

■ 82, 72.569,

■ 87, 22.144,
295.539

107.273

87, 22.184,
296.764

82, 78.876,
106.941

87, 22.233,
297.988

82, 82.958,
106.866

87, 22.292,
299.210

82, 84.872,
106.999

87, 22.361,
300.428

Harmonies

Complementary

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



84, 23.521, 110.976



70, 24.700, 294.933

Rectangle

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



84, 23.521, 110.976



84, 23.521, 160.976



84, 23.521, 290.976



84, 23.521, 340.976

Sweetspot

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



84, 23.523, 110.980



100, 7.758, 112.282



74, 16.588, 26.342



53, 5.146, 112.226



0, 0.000, 0.000



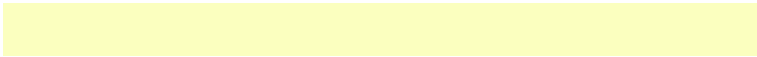
53, 0.007, 296.813

Same Dimension

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



84, 23.523, 110.980



98, 32.141, 110.622



82, 25.571, 130.428



45, 6.369, 111.995



67, 72.023, 106.937



17, 25.061, 108.307

Inverse Universe

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



70, 24.700, 294.933



80, 34.109, 295.437



72, 26.205, 312.294



41, 6.511, 293.669



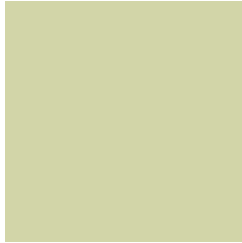
20, 98.772, 306.505



2, 27.643, 295.710

Previews

White Background



This preview shows how the CIELCh color 84, 23.521, 110.976 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, 23.521, 110.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

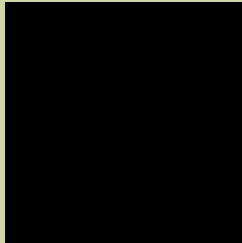
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

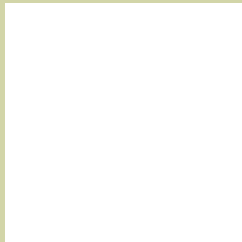
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 23.521, 110.976

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.521, 110.976.



This preview shows how white text looks on a background with the CIELCh color 84, 23.521, 110.976.

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, 23.521, 110.976

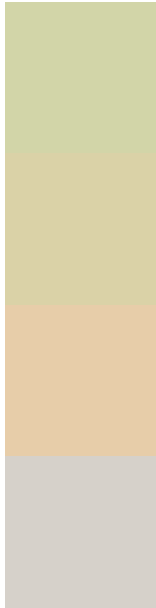
Protanopia
84, 23.190, 94.427

Deuteranopia
84, 23.528, 63.573



Tritanopia
84, 9.357, 315.616

Trichromacy



Original Color
84, 23.521, 110.976

Protanomaly
84, 22.713, 100.263

Deuteranomaly
84, 21.595, 80.103

Tritanomaly
84, 4.096, 83.091

Monochromacy



Original Color
84, 23.521, 110.976

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.421, 111.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.521, 110.976 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, 213, 168)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 168)  
}
```

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, 213, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.521, 110.976 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, 213, 168) }
```

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

```
.border{ border-color:rgb(210, 213, 168) }
```

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

Here you see how a box with a 4 pixel rgb(210, 213, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 168);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.521, 110.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 168) }
```

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

```
.background{ background-color: rgb(210,  
213, 168) }
```

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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