

Converting Colors

CIELCh(85, 23.484, 121.834)

Have a look what the booklet for
CIELCh(85, 23.484, 121.834)
contains.

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Color

CIELCh(85, 23.556, 121.350)

Conversions

Conversions Part 1

Format	Color
Hex	CCDAAE
RGB	204, 218, 174
RGB Percent	80%, 85%, 68%
CMY	0.2002, 0.1452, 0.3178
CMYK	0.06, 0.00, 0.20, 0.15
HSL	79°, 37%, 77%
HSV	79°, 20%, 85%
XYZ	57.5871, 66.0070, 49.7290
YIQ	208.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

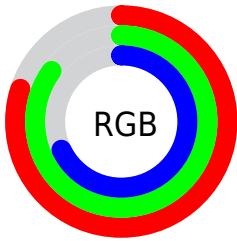
Format	Color
RYB	174, 218, 188
Decimal	13425326
CIELab	85.00, -12.26, 20.12
CIELCh	85, 23.556, 121.350
Yxy	66.0070, 0.3323, 0.3808
Android (android.graphics.Color)	4291615406 (0xFFCCDAAE)
YUV	208.7980, -17.1554, -4.2078
Hunter-Lab	81.2447, -15.6556, 20.5805

Details

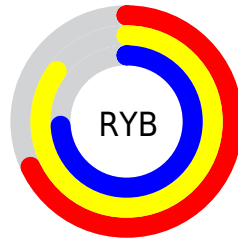
The CIELCh color **85, 23.556, 121.350** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 24.475, 303.733**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **65, 23.658, 120.715** is the 20% darker color. If you saturate the color by 10%, you get **84, 35.081, 120.779**, and if you desaturate by 10%, it is **86, 11.904, 121.927**.

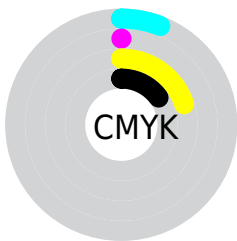
Distribution



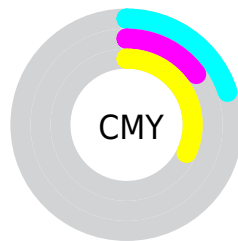
- Red (80%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (74%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (20%)
- Magenta (15%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.556, 121.350 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 85, 23.556, 121.350 by changing the saturation by 10% instead.


 85, 23.556,
121.350


 85, 23.556,
121.350


 100, 23.556,
121.350


 75, 23.556,
121.350

 65, 23.556,
121.350

 55, 23.556,
121.350

 45, 23.556,
121.350

 35, 23.556,
121.350

 25, 23.556,
121.350

 15, 23.556,

121.350

■ 5, 23.556, 121.350

■ 0, 23.556, 121.350

■ 85, 23.556,
121.350

■ 85, 23.556,
121.350

■ 84, 35.081,
120.779

■ 86, 11.904,
121.927

■ 83, 46.342,
120.228

■ 87, 0.209, 122.755

■ 83, 57.146,
119.739

■ 88, 11.465,
302.997

■ 82, 67.203,
119.371

■ 89, 19.957,
305.239

■ 81, 76.103,

■ 90, 20.647,
311.713

119.208

90, 21.579,
317.779

81, 83.334,
119.361

91, 22.732,
323.359

80, 88.416,
119.939

91, 23.193,
325.232

80, 91.402,
120.911

Harmonies

Complementary

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



85, 23.556, 121.350



74, 24.475, 303.733

Rectangle

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



85, 23.556, 121.350



85, 23.556, 171.350



85, 23.556, 301.350



85, 23.556, 351.350

Sweetspot

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



85, 23.558, 121.353



99, 7.959, 122.162



78, 13.926, 52.185



53, 5.280, 122.124



0, 0.000, 0.000



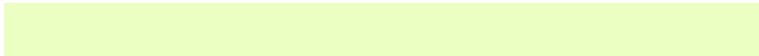
53, 0.007, 296.813

Same Dimension

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



85, 23.558, 121.353



97, 31.767, 121.121



84, 26.776, 138.291



46, 6.666, 121.969



65, 76.945, 120.680



17, 27.741, 120.972

Inverse Universe

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



74, 24.475, 303.733



82, 33.276, 304.022



75, 27.011, 320.209



42, 6.790, 303.025



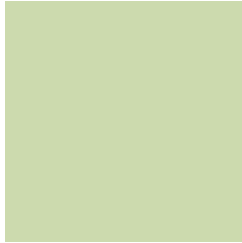
23, 96.888, 308.615



3, 30.249, 302.954

Previews

White Background



This preview shows how the CIELCh color 85, 23.556, 121.350 looks on a white background.

Color Contrast Check

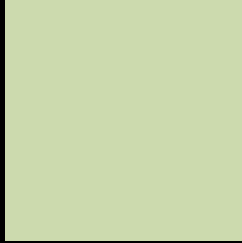
Large Text (above 18pt) WCAG AA × Fail

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 85, 23.556, 121.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

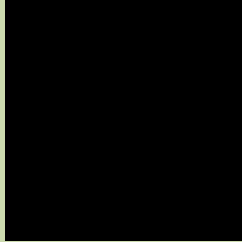
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

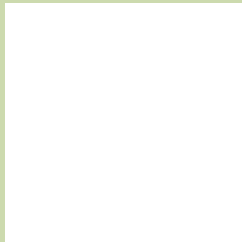
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 23.556, 121.350

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.556, 121.350.



This preview shows how white text looks on a background with the CIELCh color 85, 23.556, 121.350.

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
85, 23.556, 121.350

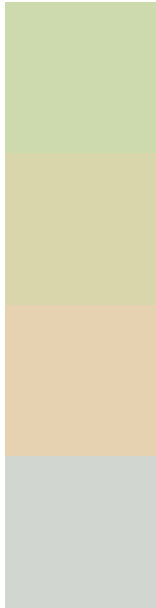
Protanopia
85, 22.020, 94.953

Deuteranopia
85, 21.623, 60.740



Tritanopia
85, 8.437, 293.281

Trichromacy



Original Color
85, 23.556, 121.350

Protanomaly
85, 21.936, 105.237

Deuteranomaly
85, 19.167, 83.360

Tritanomaly
85, 3.645, 139.734

Monochromacy



Original Color
85, 23.556, 121.350

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.613, 121.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.556, 121.350 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(204, 218, 174)` looks like.

```
.text, #text, p{  
    color:rgb(204, 218, 174)  
}
```

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(204, 218, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 218, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.556, 121.350 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(204, 218, 174) }
```

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

```
.border{ border-color:rgb(204, 218, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 218, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 218, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 218, 174);  
box-shadow:4px 4px 4px 4px rgb(204, 218,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.556, 121.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 218, 174) }
```

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

```
.background{ background-color: rgb(204,  
218, 174) }
```

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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