

Converting Colors

CIELCh(86, 23.593, 116.649)

Have a look what the booklet for
CIELCh(86, 23.593, 116.649)
contains.

CIELCh(86, 23.637, 116.594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 23.637, 116.594)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCAF
RGB	211, 220, 175
RGB Percent	83%, 86%, 69%
CMY	0.1733, 0.1380, 0.3145
CMYK	0.04, 0.00, 0.20, 0.14
HSL	72°, 39%, 77%
HSV	72°, 20%, 86%
XYZ	60.0654, 67.9871, 50.4149
YIQ	212.1790, 9.0810, -15.9030

Conversions

Conversions Part 2

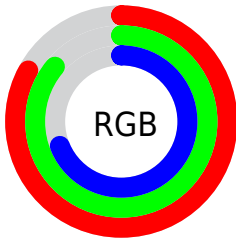
Format	Color
RYB	175, 220, 184
Decimal	13884591
CIELab	86.00, -10.58, 21.14
CIElCh	86, 23.637, 116.594
Yxy	67.9871, 0.3366, 0.3809
Android (android.graphics.Color)	4292074671 (0xFFD3DCAF)
YUV	212.1790, -18.3292, -1.0340
Hunter-Lab	82.4543, -14.2634, 21.4664

Details

The CIELCh color **86, 23.637, 116.594** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 24.703, 299.586**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **66, 23.802, 116.627** is the 20% darker color. If you saturate the color by 10%, you get **85, 35.001, 115.907**, and if you desaturate by 10%, it is **87, 12.121, 117.290**.

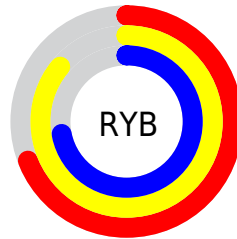
Distribution



Red (83%)

Green (86%)

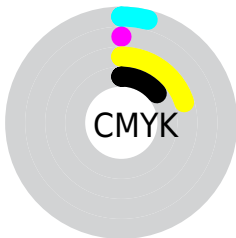
Blue (69%)



Red (69%)

Yellow (86%)

Blue (72%)

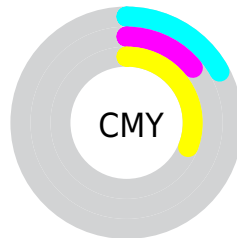


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (14%)



Cyan (17%)


Magenta (14%)

Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.637, 116.594 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 86, 23.637, 116.594 by changing the saturation by 10% instead.

 86, 23.637,
116.594


 86, 23.637,
116.594


 100, 23.637,
116.594


 76, 23.637,
116.594

 66, 23.637,
116.594

 56, 23.637,
116.594

 46, 23.637,
116.594

 36, 23.637,
116.594

 26, 23.637,
116.594

 16, 23.637,

116.594

■ 6, 23.637, 116.594

■ 0, 23.637, 116.594

■ 86, 23.637,
116.594

■ 86, 23.637,
116.594

■ 85, 35.001,
115.907

■ 87, 12.121,
117.290

■ 85, 46.076,
115.243

■ 88, 0.535, 117.990

■ 84, 56.662,
114.641

■ 89, 11.057,
298.618

■ 84, 66.459,
114.154

■ 89, 18.635,
300.628

■ 83, 75.044,

■ 90, 18.937,
305.124

113.853

90, 19.349,
309.492

83, 81.888,
113.830

90, 19.867,
313.692

82, 86.508,
114.175

91, 20.485,
317.693

82, 88.951,
114.836

91, 21.196,
321.474

Harmonies

Complementary

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



86, 23.637, 116.594



73, 24.703, 299.586

Rectangle

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



86, 23.637, 116.594



86, 23.637, 166.594



86, 23.637, 296.594



86, 23.637, 346.594

Sweetspot

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



86, 23.639, 116.598



99, 7.835, 117.593



78, 14.869, 39.164



53, 5.197, 117.548



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 23.639, 116.598



98, 32.497, 116.269



84, 26.384, 134.803



46, 6.560, 117.361



66, 74.467, 114.661



17, 26.990, 115.164

Inverse Universe

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



73, 24.703, 299.586



80, 34.343, 300.024



75, 26.794, 316.600



42, 6.697, 298.670



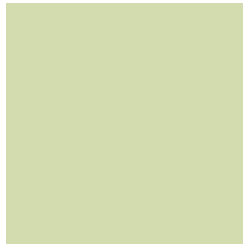
22, 98.661, 307.290



2, 29.922, 299.806

Previews

White Background



This preview shows how the CIELCh color 86, 23.637, 116.594 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 86, 23.637, 116.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

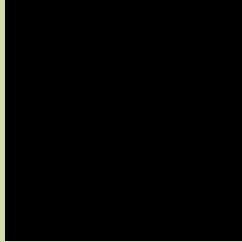
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

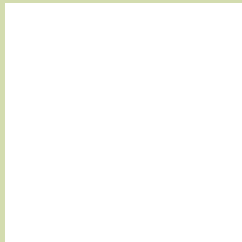
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 23.637, 116.594

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.637, 116.594.

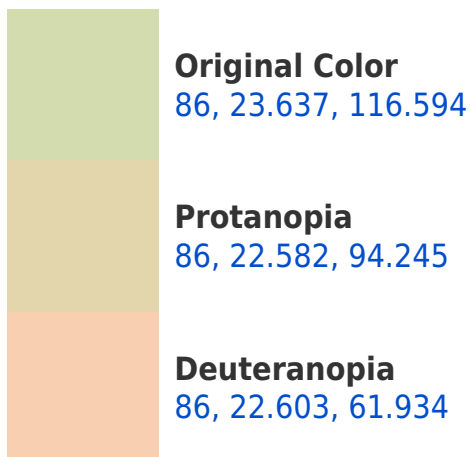


This preview shows how white text looks on a background with the CIELCh color 86, 23.637, 116.594.

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](#).

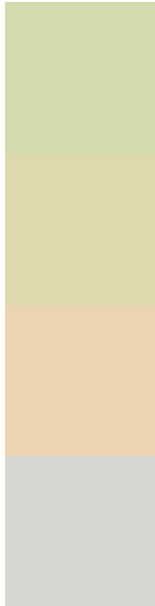
Dichromacy





Tritanopia
86, 9.213, 304.167

Trichromacy



Original Color
86, 23.637, 116.594

Protanomaly
86, 22.503, 102.303

Deuteranomaly
86, 20.416, 82.502

Tritanomaly
86, 3.132, 109.890

Monochromacy



Original Color
86, 23.637, 116.594

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.970, 116.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.637, 116.594 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, 220, 175)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 175)  
}
```

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, 220, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.637, 116.594 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, 220, 175) }
```

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

```
.border{ border-color:rgb(211, 220, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 175);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.637, 116.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 175) }
```

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

```
.background{ background-color: rgb(211,  
220, 175) }
```

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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