

Converting Colors

CIELCh(85, 27.016, 123.599)

Have a look what the booklet for
CIELCh(85, 27.016, 123.599)
contains.

CIELCh(85, 27.038, 123.594)	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(85, 27.038, 123.594)

Conversions

Conversions Part 1

Format	Color
Hex	C8DBA9
RGB	200, 219, 169
RGB Percent	78%, 86%, 66%
CMY	0.2146, 0.1400, 0.3362
CMYK	0.09, 0.00, 0.23, 0.14
HSL	83°, 41%, 76%
HSV	83°, 23%, 86%
XYZ	56.4896, 66.0070, 47.4355
YIQ	207.6190, 4.7260, -19.5780

Conversions

Conversions Part 2

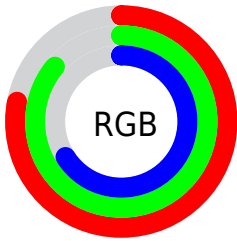
Format	Color
RYB	169, 219, 188
Decimal	13163433
CIELab	85.00, -14.96, 22.52
CIELCh	85, 27.038, 123.594
Yxy	66.0070, 0.3324, 0.3884
Android (android.graphics.Color)	4291353513 (0xFFC8DBA9)
YUV	207.6190, -19.0392, -6.6819
Hunter-Lab	81.2447, -18.0668, 22.2542

Details

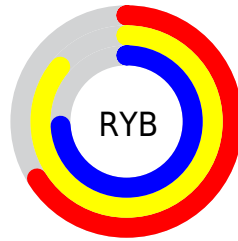
The CIELCh color **85, 27.038, 123.594** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 28.133, 306.059**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **65, 26.788, 123.428** is the 20% darker color. If you saturate the color by 10%, you get **84, 38.727, 123.067**, and if you desaturate by 10%, it is **86, 15.205, 124.128**.

Distribution



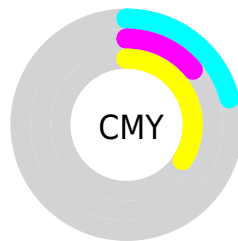
- Red (78%)
- Green (86%)
- Blue (66%)



- Red (66%)
- Yellow (86%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 27.038, 123.594 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 85, 27.038, 123.594 by changing the saturation by 10% instead.


 85, 27.038,
123.594

 85, 27.038,
123.594


 100, 27.038,
123.594

 75, 27.038,
123.594

 65, 27.038,
123.594

 55, 27.038,
123.594

 45, 27.038,
123.594

 35, 27.038,
123.594

 25, 27.038,
123.594

 15, 27.038,

123.594

■ 5, 27.038, 123.594

■ 0, 27.038, 123.594

■ 85, 27.038,
123.594

■ 85, 27.038,
123.594

■ 84, 38.727,
123.067

■ 86, 15.205,
124.128

■ 83, 50.117,
122.566

■ 87, 3.324, 124.659

■ 82, 60.991,
122.138

■ 88, 8.534, 305.109

■ 82, 71.030,
121.852

■ 90, 19.315,
306.277

■ 81, 79.791,

■ 90, 20.233,
314.216

121.804

91, 21.501,
321.459

80, 86.749,
122.115

91, 22.355,
325.203

80, 91.476,
122.893

80, 93.697,
123.695

Harmonies

Complementary

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



85, 27.038, 123.594



72, 28.133, 306.059

Rectangle

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



85, 27.038, 123.594



85, 27.038, 173.594



85, 27.038, 303.594



85, 27.038, 353.594

Sweetspot

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



85, 27.040, 123.596



99, 9.387, 124.429



78, 15.920, 57.755



53, 6.100, 124.397



0, 0.000, 0.000



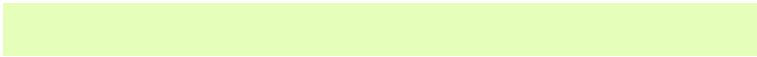
53, 0.007, 296.813

Same Dimension

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



85, 27.040, 123.596



97, 36.123, 123.361



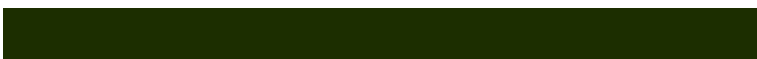
83, 30.897, 139.520



46, 6.739, 124.305



64, 78.482, 123.440



17, 28.232, 123.719

Inverse Universe

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



72, 28.133, 306.059



80, 37.901, 306.348



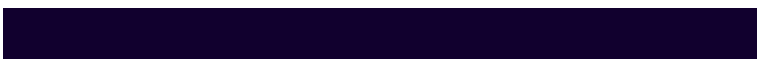
75, 31.110, 321.832



43, 6.853, 305.258



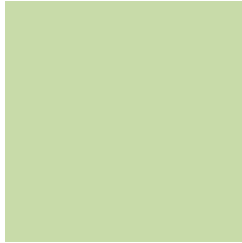
24, 95.767, 309.568



3, 30.506, 304.933

Previews

White Background



This preview shows how the CIELCh color 85, 27.038, 123.594 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 85, 27.038, 123.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

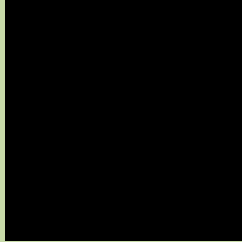
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 27.038, 123.594

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.038, 123.594.

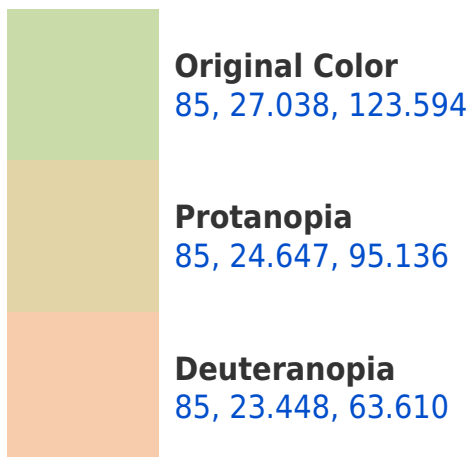


This preview shows how white text looks on a background with the CIELCh color 85, 27.038, 123.594.

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](#).

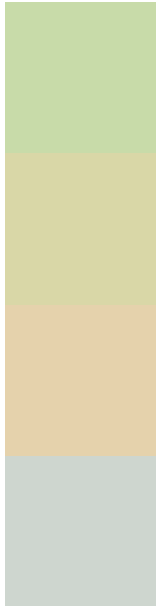
Dichromacy





Tritanopia
85, 8.967, 286.483

Trichromacy



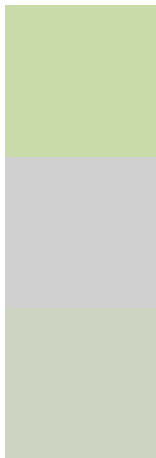
Original Color
85, 27.038, 123.594

Protanomaly
85, 24.998, 106.226

Deuteranomaly
85, 21.264, 87.929

Tritanomaly
85, 4.705, 147.886

Monochromacy



Original Color
85, 27.038, 123.594

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 9.820, 124.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.038, 123.594 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(200, 219, 169)` looks like.

```
.text, #text, p{  
    color:rgb(200, 219, 169)  
}
```

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(200, 219, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 219, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.038, 123.594 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(200, 219, 169) }
```

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

```
.border{ border-color:rgb(200, 219, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 219, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 219, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 219, 169);  
box-shadow:4px 4px 4px 4px rgb(200, 219,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.038, 123.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 219, 169) }
```

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

```
.background{ background-color: rgb(200,  
219, 169) }
```

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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