

Converting Colors

CIELCh(85, 29.936, 137.111)

Have a look what the booklet for
CIELCh(85, 29.936, 137.111)
contains.

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Color

CIELCh(85, 29.962, 137.105)

Conversions

Conversions Part 1

Format	Color
Hex	B8DFAD
RGB	184, 223, 173
RGB Percent	72%, 87%, 68%
CMY	0.2783, 0.1253, 0.3214
CMYK	0.17, 0.00, 0.22, 0.13
HSL	107°, 44%, 78%
HSV	107°, 22%, 87%
XYZ	53.7184, 66.0070, 49.4613
YIQ	205.6390, -7.1940, -23.8180

Conversions

Conversions Part 2

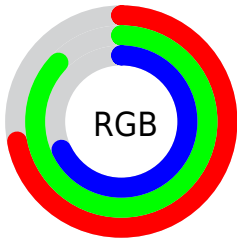
Format	Color
RYB	173, 223, 212
Decimal	12115885
CIELab	85.00, -21.95, 20.39
CIELCh	85, 29.962, 137.105
Yxy	66.0070, 0.3175, 0.3901
Android (android.graphics.Color)	4290305965 (0xFFB8DFAD)
YUV	205.6390, -16.0910, -18.9774
Hunter-Lab	81.2447, -24.1554, 20.7759

Details

The CIELCh color $85, 29.962, 137.105$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $76, 30.318, 319.191$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 14.295, 131.284$, and $65, 30.431, 137.110$ is the 20% darker color. If you saturate the color by 10%, you get $84, 43.282, 136.509$, and if you desaturate by 10%, it is $87, 16.553, 137.647$.

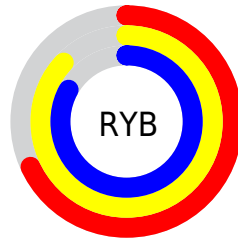
Distribution



Red (72%)

Green (87%)

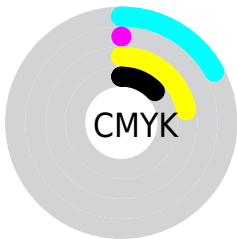
Blue (68%)



Red (68%)

Yellow (87%)

Blue (83%)

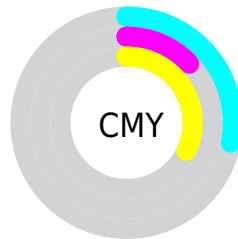


Cyan (17%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (28%)


Magenta (13%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 29.962, 137.105 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, 29.962, 137.105 by changing the saturation by 10% instead.


 85, 29.962,
137.105


 85, 29.962,
137.105


 100, 29.962,
137.105


 75, 29.962,
137.105

 65, 29.962,
137.105

 55, 29.962,
137.105

 45, 29.962,
137.105

 35, 29.962,
137.105


 25, 29.962,
137.105


 15, 29.962,

137.105


 5, 29.962, 137.105


 0, 29.962, 137.105

 85, 29.962,
137.105


 85, 29.962,
137.105

 84, 43.282,
136.509


 87, 16.553,
137.647


 82, 56.300,
135.868

 88, 3.200, 138.175


 81, 68.733,
135.215

 90, 9.989, 318.495

 80, 80.199,
134.611

 92, 19.736,
323.932

 79, 90.197,

 92, 19.997,
325.120

134.153

■ 79, 98.147,
133.971

■ 78, 103.558,
134.177

■ 78, 106.108,
134.526

Harmonies

Complementary

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



85, 29.962, 137.105



76, 30.318, 319.191

Rectangle

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



85, 29.962, 137.105



85, 29.962, 187.105



85, 29.962, 317.105



85, 29.962, 7.105

Sweetspot

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



85, 29.964, 137.106



99, 10.369, 137.919



85, 20.558, 95.649



52, 6.740, 137.888



0, 0.000, 0.000



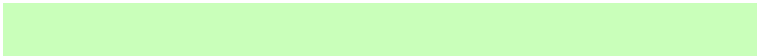
53, 0.007, 296.813

Same Dimension

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



85, 29.964, 137.106



95, 40.226, 136.827



85, 26.576, 151.296



46, 7.594, 137.798



63, 88.699, 134.367



17, 33.383, 135.484

Inverse Universe

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



76, 30.318, 319.191



82, 40.794, 319.404



76, 26.764, 334.495



44, 7.640, 318.605



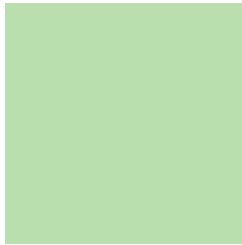
35, 89.415, 320.037



6, 35.307, 320.678

Previews

White Background



This preview shows how the CIELCh color 85, 29.962, 137.105 looks on a white background.

Color Contrast Check

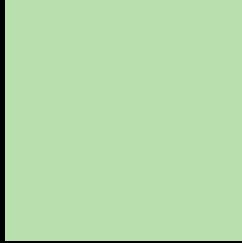
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 29.962, 137.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

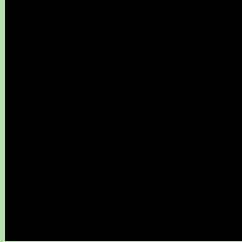
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 29.962, 137.105

Background



This preview shows how black text looks on a background with the CIELCh color 85, 29.962, 137.105.

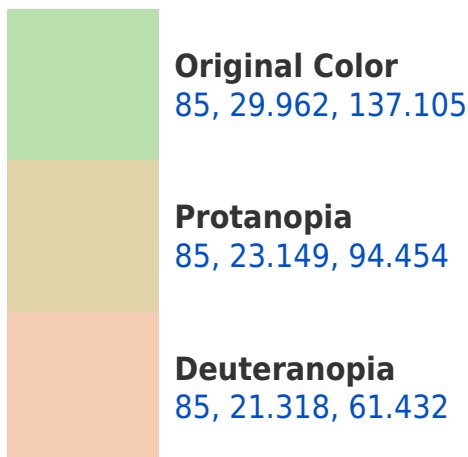


This preview shows how white text looks on a background with the CIELCh color 85, 29.962, 137.105.

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, 11.291, 251.702

Trichromacy



Original Color
85, 29.962, 137.105

Protanomaly
85, 23.540, 112.869

Deuteranomaly
85, 18.805, 95.469

Tritanomaly
85, 10.623, 178.380

Monochromacy



Original Color
85, 29.962, 137.105

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.829, 137.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 29.962, 137.105 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(184, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 223, 173)  
}
```

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(184, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 223, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 29.962, 137.105 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(184, 223, 173) }
```

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

```
.border{ border-color:rgb(184, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 223, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 223, 173); box-shadow:4px 4px 4px 4px rgb(184, 223, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 29.962, 137.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 223, 173) }
```

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

```
.background{ background-color: rgb(184,  
223, 173) }
```

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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