

Converting Colors

CIELCh(85, 25.692, 145.062)

Have a look what the booklet for
CIELCh(85, 25.692, 145.062)
contains.

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Color

CIELCh(85, 25.697, 145.201)

Conversions

Conversions Part 1

Format	Color
Hex	B5DFB8
RGB	181, 223, 184
RGB Percent	71%, 87%, 72%
CMY	0.2905, 0.1258, 0.2787
CMYK	0.19, 0.00, 0.17, 0.13
HSL	124°, 40%, 79%
HSV	124°, 19%, 87%
XYZ	54.0500, 66.0070, 55.1987
YIQ	205.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

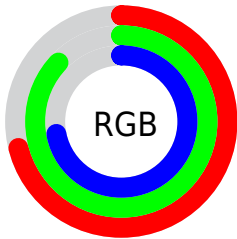
Format	Color
RYB	181, 220, 223
Decimal	11919288
CIELab	85.00, -21.10, 14.67
CIElCh	85, 25.697, 145.201
Yxy	66.0070, 0.3084, 0.3766
Android (android.graphics.Color)	4290109368 (0xFFB5DFB8)
YUV	205.9960, -10.8440, -21.9215
Hunter-Lab	81.2447, -23.4269, 16.5889

Details

The CIELCh color $85, 25.697, 145.201$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $78, 25.733, 327.488$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 9.976, 148.981$, and $65, 25.754, 144.945$ is the 20% darker color. If you saturate the color by 10%, you get $83, 39.347, 144.376$, and if you desaturate by 10%, it is $87, 12.000, 145.916$.

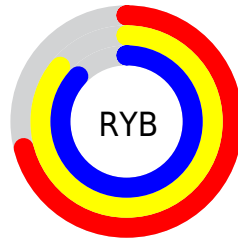
Distribution



Red (71%)

Green (87%)

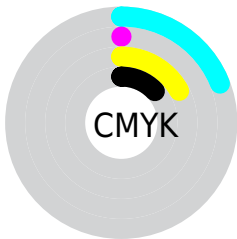
Blue (72%)



Red (71%)

Yellow (86%)

Blue (87%)

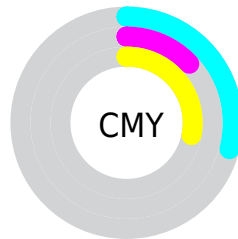


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (29%)


Magenta (13%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.697, 145.201 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, 25.697, 145.201 by changing the saturation by 10% instead.


 85, 25.697,
145.201


 85, 25.697,
145.201


 100, 25.697,
145.201


 75, 25.697,
145.201

 65, 25.697,
145.201

 55, 25.697,
145.201

 45, 25.697,
145.201

 35, 25.697,
145.201


 25, 25.697,
145.201


 15, 25.697,


145.201


 5, 25.697, 145.201


 0, 25.697, 145.201

 85, 25.697,
145.201


 85, 25.697,
145.201


 83, 39.347,
144.376


 87, 12.000,
145.916


 82, 52.706,
143.420

 89, 1.571, 326.298

 81, 65.473,
142.329

 91, 14.886,
326.976


 80, 77.289,
141.117


 92, 20.067,
325.122


 79, 87.736,

139.828

 78, 96.366,
138.548

 78, 102.745,
137.405

 78, 106.631,
136.561

 78, 106.941,
136.502

Harmonies

Complementary

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



85, 25.697, 145.201



78, 25.733, 327.488

Rectangle

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



85, 25.697, 145.201



85, 25.697, 195.201



85, 25.697, 325.201



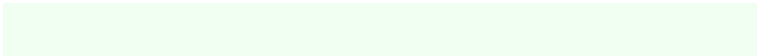
85, 25.697, 15.201

Sweetspot

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



85, 25.699, 145.201



99, 9.061, 146.104



88, 21.787, 111.170



52, 6.014, 146.060



0, 0.000, 0.000



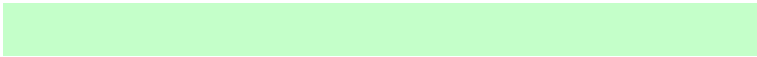
53, 0.007, 296.813

Same Dimension

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



85, 25.699, 145.201



95, 35.011, 144.859



85, 17.805, 165.704



46, 7.752, 145.875



63, 89.324, 136.635



16, 34.004, 140.687

Inverse Universe

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



78, 25.733, 327.488



86, 35.049, 327.739



78, 18.386, 349.151



44, 7.766, 326.937



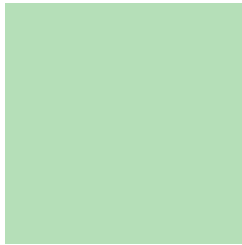
41, 82.737, 331.284



7, 34.245, 330.743

Previews

White Background



This preview shows how the CIELCh color 85, 25.697, 145.201 looks on a white background.

Color Contrast Check

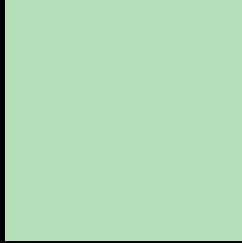
Large Text (above 18pt) WCAG AA × Fail

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, 25.697, 145.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

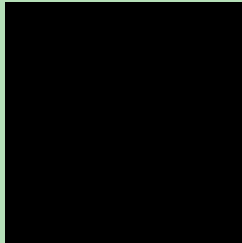
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

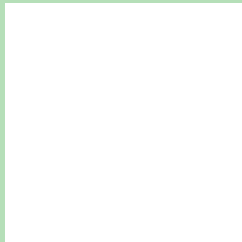
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 25.697, 145.201

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.697, 145.201.

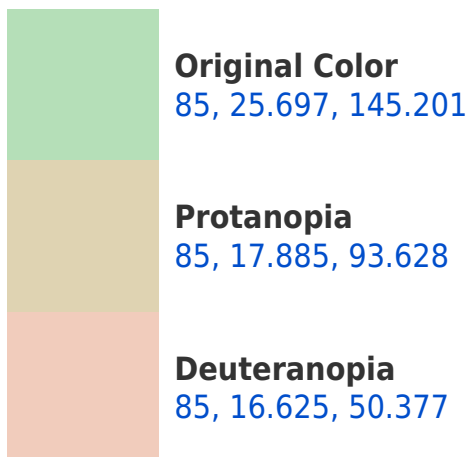


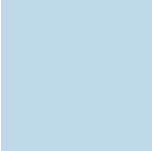
This preview shows how white text looks on a background with the CIELCh color 85, 25.697, 145.201.

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, 12.570, 244.527

Trichromacy



Original Color
85, 25.697, 145.201

Protanomaly
85, 18.489, 116.886

Deuteranomaly
85, 12.928, 95.479

Tritanomaly
85, 11.745, 188.262

Monochromacy



Original Color
85, 25.697, 145.201

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.237, 145.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.697, 145.201 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(181, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 223, 184)  
}
```

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(181, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 223, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.697, 145.201 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(181, 223, 184) }
```

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

```
.border{ border-color:rgb(181, 223, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 223, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 223,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.697, 145.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 223, 184) }
```

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

```
.background{ background-color: rgb(181,  
223, 184) }
```

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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