

Converting Colors

CIELCh(85, 43.331, 147.854)

Have a look what the booklet for
CIELCh(85, 43.331, 147.854)
contains.

CIELCh(85, 43.443, 147.594)	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, 43.443, 147.594)

Conversions

Conversions Part 1

Format	Color
Hex	98E6A7
RGB	152, 230, 167
RGB Percent	60%, 90%, 65%
CMY	0.4042, 0.0983, 0.3454
CMYK	0.34, 0.00, 0.27, 0.10
HSL	132°, 61%, 75%
HSV	132°, 34%, 90%
XYZ	48.1792, 66.0070, 46.7261
YIQ	199.4960, -26.2650, -36.1290

Conversions

Conversions Part 2

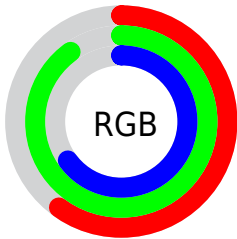
Format	Color
RYB	152, 217, 230
Decimal	10020519
CIELab	85.00, -36.68, 23.28
CIElCh	85, 43.443, 147.594
Yxy	66.0070, 0.2994, 0.4102
Android (android.graphics.Color)	4288210599 (0xFF98E6A7)
YUV	199.4960, -16.0205, -41.6540
Hunter-Lab	81.2447, -36.3253, 22.7720

Details

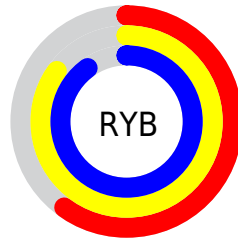
The CIELCh color $85, 43.443, 147.594$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $72, 43.600, 332.449$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 23.784, 152.825$, and $65, 43.265, 147.674$ is the 20% darker color. If you saturate the color by 10%, you get $84, 55.798, 146.508$, and if you desaturate by 10%, it is $87, 30.715, 148.532$.

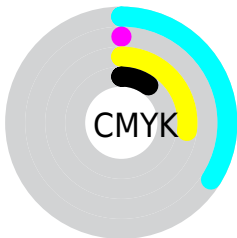
Distribution



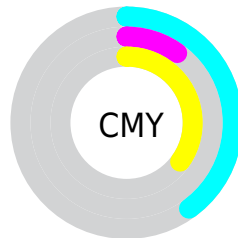
- Red (60%)
- Green (90%)
- Blue (65%)



- Red (60%)
- Yellow (85%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)




- Cyan (40%)
- Magenta (10%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 43.443, 147.594 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, 43.443, 147.594 by changing the saturation by 10% instead.


 85, 43.443,
147.594


 85, 43.443,
147.594


 100, 43.443,
147.594


 75, 43.443,
147.594

 65, 43.443,
147.594

 55, 43.443,
147.594

 45, 43.443,
147.594

 35, 43.443,
147.594


 25, 43.443,
147.594

 15, 43.443,


147.594


 5, 43.443, 147.594


 0, 43.443, 147.594

 85, 43.443,
147.594


 85, 43.443,
147.594

 84, 55.798,
146.508


 87, 30.715,
148.532

 82, 67.507,
145.263

 88, 17.836,
149.345


 82, 78.282,
143.855

 90, 4.991, 150.086


 81, 87.827,
142.308


 93, 7.682, 330.571

 80, 95.864,

 94, 15.665,
324.966

140.676

 80, 102.162,
139.057

 80, 105.134,
138.178

Harmonies

Complementary

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



85, 43.443, 147.594



72, 43.600, 332.449

Rectangle

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



85, 43.443, 147.594



85, 43.443, 197.594



85, 43.443, 327.594



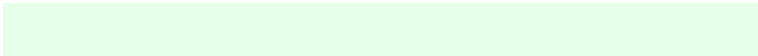
85, 43.443, 17.594

Sweetspot

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



85, 43.445, 147.594



98, 13.902, 149.632



89, 40.229, 114.951



52, 9.493, 149.528



0, 0.000, 0.000



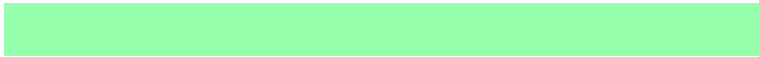
53, 0.007, 296.813

Same Dimension

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



85, 43.445, 147.594



92, 56.801, 146.816



86, 29.625, 171.383



47, 7.246, 149.676



63, 86.441, 138.446



17, 33.300, 142.386

Inverse Universe

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



72, 43.600, 332.449



76, 56.904, 332.955



71, 32.587, 358.692



45, 7.268, 330.821



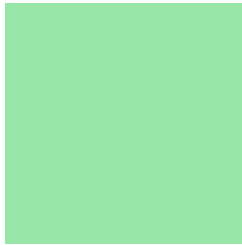
40, 76.182, 337.666



8, 32.685, 335.948

Previews

White Background



This preview shows how the CIELCh color 85, 43.443, 147.594 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 CIELCh color 85, 43.443, 147.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

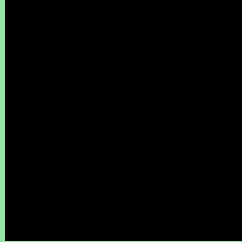
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 43.443, 147.594

Background



This preview shows how black text looks on a background with the CIELCh color 85, 43.443, 147.594.

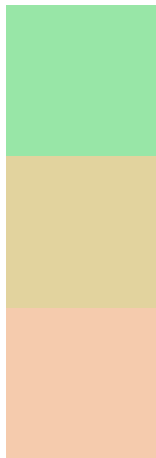


This preview shows how white text looks on a background with the CIELCh color 85, 43.443, 147.594.

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



Original Color
85, 43.443, 147.594

Protanopia
85, 28.303, 95.544

Deuteranopia
85, 23.087, 62.759

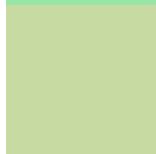


Tritanopia
85, 19.541, 225.773

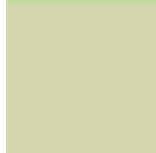
Trichromacy



Original Color
85, 43.443, 147.594



Protanomaly
84, 30.536, 121.605



Deuteranomaly
84, 21.950, 110.293



Tritanomaly
85, 22.390, 181.404

Monochromacy



Original Color
85, 43.443, 147.594



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 16.021, 148.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 43.443, 147.594 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(152, 230, 167)` looks like.

```
.text, #text, p{  
    color:rgb(152, 230, 167)  
}
```

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(152, 230, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 230, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 43.443, 147.594 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(152, 230, 167) }
```

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

```
.border{ border-color:rgb(152, 230, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 230, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 230, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 230, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 230,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 43.443, 147.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 230, 167) }
```

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

```
.background{ background-color: rgb(152,  
230, 167) }
```

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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