

Converting Colors

CIELCh(85, 37.425, 161.122)

Have a look what the booklet for
CIELCh(85, 37.425, 161.122)
contains.

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Color

CIELCh(85, 37.440, 160.846)

Conversions

Conversions Part 1

Format	Color
Hex	8FE6BC
RGB	143, 230, 188
RGB Percent	56%, 90%, 74%
CMY	0.4395, 0.0983, 0.2631
CMYK	0.38, 0.00, 0.18, 0.10
HSL	151°, 63%, 73%
HSV	151°, 38%, 90%
XYZ	48.6559, 66.0070, 57.7081
YIQ	199.1990, -38.3700, -31.5060

Conversions

Conversions Part 2

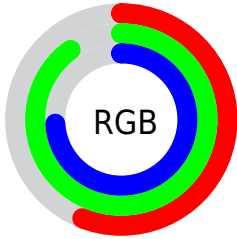
Format	Color
RYB	143, 200, 230
Decimal	9430716
CIELab	85.00, -35.37, 12.28
CIELCh	85, 37.440, 160.846
Yxy	66.0070, 0.2823, 0.3829
Android (android.graphics.Color)	4287620796 (0xFF8FE6BC)
YUV	199.1990, -5.5211, -49.2865
Hunter-Lab	81.2447, -35.2781, 14.7576

Details

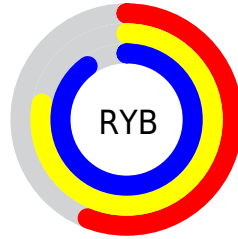
The CIELCh color $85, 37.440, 160.846$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $69, 39.356, 348.406$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 19.745, 181.527$, and $65, 37.364, 161.035$ is the 20% darker color. If you saturate the color by 10%, you get $84, 46.579, 159.545$, and if you desaturate by 10%, it is $86, 27.837, 161.999$.

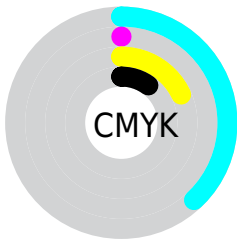
Distribution



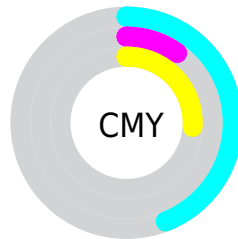
- Red (56%)
- Green (90%)
- Blue (74%)



- Red (56%)
- Yellow (78%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)




- Cyan (44%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 37.440, 160.846 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, 37.440, 160.846 by changing the saturation by 10% instead.


 85, 37.440,
160.846


 85, 37.440,
160.846


 100, 37.440,
160.846


 75, 37.440,
160.846

 65, 37.440,
160.846

 55, 37.440,
160.846

 45, 37.440,
160.846

 35, 37.440,
160.846


 25, 37.440,
160.846


 15, 37.440,

160.846

 5, 37.440, 160.846


 0, 37.440, 160.846


 85, 37.440,
160.846

 85, 37.440,
160.846

 84, 46.579,
159.545


 86, 27.837,
161.999

 83, 55.079,
158.073

 88, 17.935,
163.033

 82, 62.786,
156.404

 90, 7.888, 163.986

 81, 69.588,
154.523

 92, 2.179, 344.553

 94, 11.335,
342.408

 81, 75.446,

152.427

94, 15.468,
325.483

81, 80.432,
150.158

94, 15.670,
324.966

81, 81.452,
149.676

Harmonies

Complementary

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



85, 37.440, 160.846



69, 39.356, 348.406

Rectangle

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



85, 37.440, 160.846



85, 37.440, 210.846



85, 37.440, 340.846



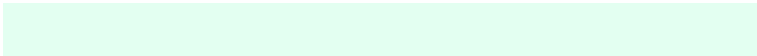
85, 37.440, 30.846

Sweetspot

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



85, 37.441, 160.845



98, 12.041, 163.683



86, 47.814, 127.878



52, 8.090, 163.554



0, 0.000, 0.000



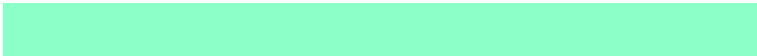
53, 0.007, 296.813

Same Dimension

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



85, 37.441, 160.845



92, 47.879, 159.896



86, 26.920, 199.260



47, 5.708, 163.834



64, 66.837, 150.090



18, 25.834, 154.316

Inverse Universe

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



69, 39.356, 348.406



72, 50.689, 349.418



69, 35.285, 24.156



45, 5.786, 345.350



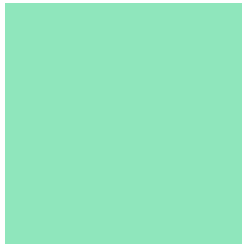
38, 64.709, 3.524



7, 27.450, 356.251

Previews

White Background



This preview shows how the CIELCh color 85, 37.440, 160.846 looks on a white background.

Color Contrast Check

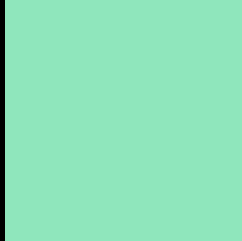
Large Text (above 18pt) WCAG AA × Fail

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, 37.440, 160.846 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, 37.440, 160.846

Background



This preview shows how black text looks on a background with the CIELCh color 85, 37.440, 160.846.



This preview shows how white text looks on a background with the CIELCh color 85, 37.440, 160.846.

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, 37.440, 160.846

Protanopia
85, 17.787, 94.840

Deuteranopia
85, 14.237, 44.016



Tritanopia
85, 22.990, 222.629

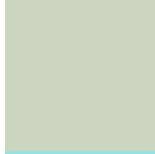
Trichromacy



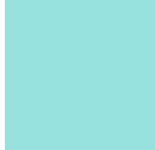
Original Color
85, 37.440, 160.846



Protanomaly
84, 21.092, 134.829



Deuteranomaly
84, 12.157, 126.997

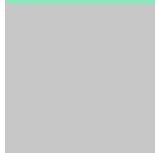


Tritanomaly
85, 24.564, 192.791

Monochromacy



Original Color
85, 37.440, 160.846



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 13.811, 163.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 37.440, 160.846 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(143, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 230, 188)  
}
```

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(143, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 230, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 37.440, 160.846 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(143, 230, 188) }
```

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

```
.border{ border-color:rgb(143, 230, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 230, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(143, 230,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 37.440, 160.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 230, 188) }
```

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

```
.background{ background-color: rgb(143,  
230, 188) }
```

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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