

Converting Colors

CIELCh(85, 32.520, 189.484)

Have a look what the booklet for
CIELCh(85, 32.520, 189.484)
contains.

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Color

CIELCh(85, 32.768, 188.832)

Conversions

Conversions Part 1

Format	Color
Hex	7EE6DD
RGB	126, 230, 221
RGB Percent	49%, 90%, 87%
CMY	0.5073, 0.0994, 0.1347
CMYK	0.45, 0.00, 0.04, 0.10
HSL	175°, 67%, 70%
HSV	175°, 45%, 90%
XYZ	49.7544, 66.0070, 78.2815
YIQ	197.8780, -59.0950, -24.8470

Conversions

Conversions Part 2

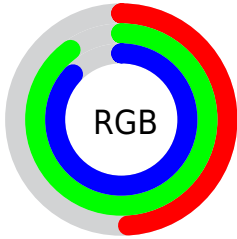
Format	Color
RYB	126, 180, 230
Decimal	8316637
CIELab	85.00, -32.38, -5.03
CIELCh	85, 32.768, 188.832
Yxy	66.0070, 0.2564, 0.3402
Android (android.graphics.Color)	4286506717 (0xFF7EE6DD)
YUV	197.8780, 11.3991, -63.0370
Hunter-Lab	81.2447, -32.8645, -0.2562

Details

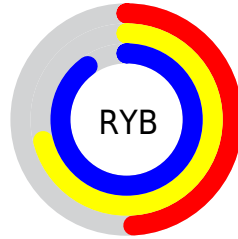
The CIELCh color **85, 32.768, 188.832** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 43.008, 17.867**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **65, 32.802, 188.847** is the 20% darker color. If you saturate the color by 10%, you get **84, 38.092, 188.032**, and if you desaturate by 10%, it is **86, 26.598, 189.608**.

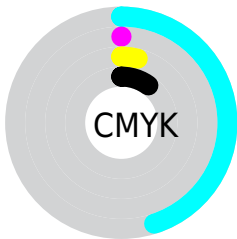
Distribution



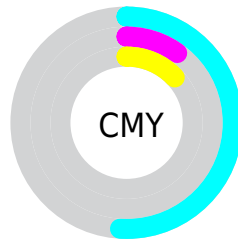
- Red (49%)
- Green (90%)
- Blue (87%)



- Red (49%)
- Yellow (71%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)





- Cyan (51%)
- Magenta (10%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 32.768, 188.832 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, 32.768, 188.832 by changing the saturation by 10% instead.


 85, 32.768,
188.832


 85, 32.768,
188.832


 100, 32.768,
188.832


 75, 32.768,
188.832

 65, 32.768,
188.832

 55, 32.768,
188.832

 45, 32.768,
188.832

 35, 32.768,
188.832

 25, 32.768,
188.832

 15, 32.768,

188.832

■ 5, 32.768, 188.832

■ 0, 32.768, 188.832

■ 85, 32.768,
188.832

■ 85, 32.768,
188.832

■ 84, 38.092,
188.032

■ 86, 26.598,
189.608

■ 83, 42.468,
187.203

■ 87, 19.709,
190.378

■ 83, 45.842,
186.326

■ 89, 12.237,
191.151

■ 83, 48.218,
185.385

■ 90, 4.321, 191.991

■ 82, 49.681,

■ 92, 3.916, 12.446

184.362

93, 9.287, 10.709

82, 50.170,
183.863

93, 9.484, 4.613

93, 9.785, 358.831

93, 10.182,
353.453

Harmonies

Complementary

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



85, 32.768, 188.832



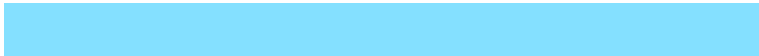
64, 43.008, 17.867

Rectangle

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



85, 32.768, 188.832



85, 32.768, 238.832



85, 32.768, 8.832



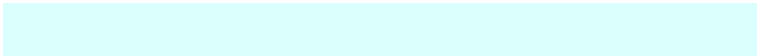
85, 32.768, 58.832

Sweetspot

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



85, 32.768, 188.830



97, 12.234, 191.246



84, 63.642, 138.664



52, 8.403, 191.076



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, 32.768, 188.830



92, 40.710, 188.112



74, 28.489, 251.352



47, 4.602, 191.618



66, 41.487, 184.050



18, 17.166, 185.824

Inverse Universe

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



64, 43.008, 17.867



66, 56.802, 19.898



74, 35.456, 59.442



45, 4.839, 12.951



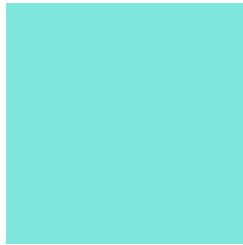
37, 76.381, 36.401



6, 26.851, 18.179

Previews

White Background



This preview shows how the CIE LCh color 85, 32.768, 188.832 looks on a white background.

Color Contrast Check

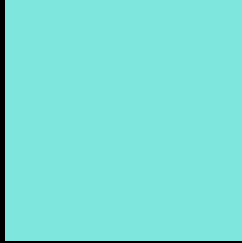
Large Text (above 18pt) WCAG AA × Fail

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, 32.768, 188.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

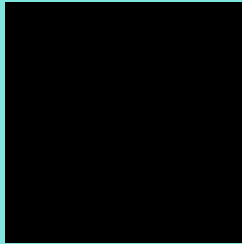
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 32.768, 188.832

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.768, 188.832.

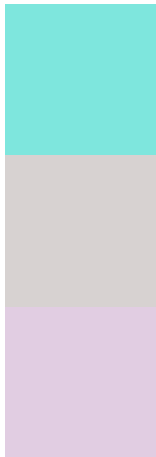


This preview shows how white text looks on a background with the CIELCh color 85, 32.768, 188.832.

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, 32.768, 188.832

Protanopia
85, 1.889, 35.363

Deuteranopia
85, 13.223, 323.625



Tritanopia
85, 28.899, 217.010

Trichromacy



Original Color
85, 32.768, 188.832



Protanomaly
84, 12.091, 188.508



Deuteranomaly
84, 9.955, 231.019

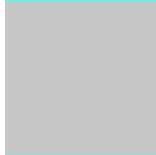


Tritanomaly
85, 29.482, 206.852

Monochromacy



Original Color
85, 32.768, 188.832



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 13.464, 189.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.768, 188.832 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(126, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(126, 230, 221)  
}
```

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(126, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 230, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.768, 188.832 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(126, 230, 221) }
```

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

```
.border{ border-color:rgb(126, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(126, 230,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.768, 188.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 230, 221) }
```

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

```
.background{ background-color: rgb(126,  
230, 221) }
```

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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