

Converting Colors

CIELCh(85, 32.718, 211.089)

Have a look what the booklet for
CIELCh(85, 32.718, 211.089)
contains.

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Color

CIELCh(85, 32.596, 211.562)

Conversions

Conversions Part 1

Format	Color
Hex	75E4F3
RGB	117, 228, 243
RGB Percent	46%, 89%, 95%
CMY	0.5395, 0.1043, 0.0455
CMYK	0.52, 0.06, 0.00, 0.05
HSL	187°, 84%, 71%
HSV	187°, 52%, 95%
XYZ	51.4798, 66.0070, 95.1326
YIQ	196.5210, -70.9710, -18.8670

Conversions

Conversions Part 2

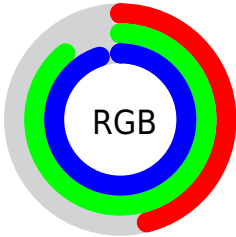
Format	Color
R _Y B	117, 176, 243
Decimal	7726323
CIE Lab	85.00, -27.77, -17.06
CIE LCh	85, 32.596, 211.562
Yxy	66.0070, 0.2421, 0.3104
Android (android.graphics.Color)	4285916403 (0xFF75E4F3)
YUV	196.5210, 22.9141, -69.7399
Hunter-Lab	81.2447, -29.0737, -12.5537

Details

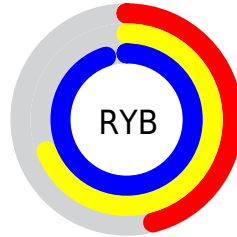
The CIELCh color **85, 32.596, 211.562** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 49.030, 33.531**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **65, 32.494, 212.030** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.500, 212.350**, and if you desaturate by 10%, it is **87, 27.758, 211.023**.

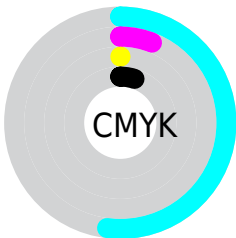
Distribution



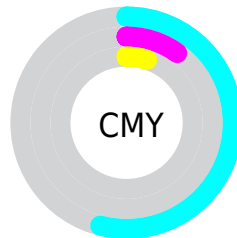
- Red (46%)
- Green (89%)
- Blue (95%)



- Red (46%)
- Yellow (69%)
- Blue (95%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)





- Cyan (54%)
- Magenta (10%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 32.596, 211.562 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, 32.596, 211.562 by changing the saturation by 10% instead.


 85, 32.596,
211.562


 85, 32.596,
211.562


 100, 32.596,
211.562


 75, 32.596,
211.562

 65, 32.596,
211.562

 55, 32.596,
211.562

 45, 32.596,
211.562

 35, 32.596,
211.562

 25, 32.596,
211.562

 15, 32.596,

211.562

■ 5, 32.596, 211.562

■ 0, 32.596, 211.562

■ 85, 32.596,
211.562

■ 85, 32.596,
211.562

■ 83, 36.500,
212.350

■ 87, 27.758,
211.023

■ 82, 39.404,
213.442

■ 89, 22.091,
210.694

■ 81, 41.298,
214.887

■ 91, 15.716,
210.539

■ 80, 42.251,
216.730

■ 93, 8.760, 210.537

■ 79, 42.504,

■ 96, 1.343, 211.013

218.526

97, 3.481, 39.866

98, 3.481, 69.796

99, 4.312, 93.480

100, 5.612,
107.852

Harmonies

Complementary

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



85, 32.596, 211.562



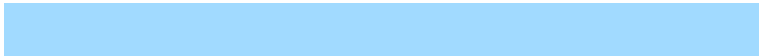
67, 49.030, 33.531

Rectangle

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



85, 32.596, 211.562



85, 32.596, 261.562



85, 32.596, 31.562



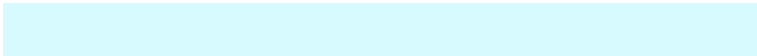
85, 32.596, 81.562

Sweetspot

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



85, 32.596, 211.560



96, 12.226, 210.518



87, 71.860, 143.221



51, 8.201, 210.520



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, 32.596, 211.560



87, 37.950, 212.388



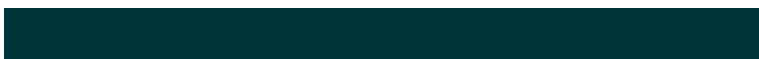
68, 44.089, 276.914



50, 4.281, 210.562



62, 34.795, 218.110



19, 15.626, 214.877

Inverse Universe

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



68, 71.209, 330.960



66, 85.621, 331.567



82, 45.992, 79.880



48, 8.070, 328.392



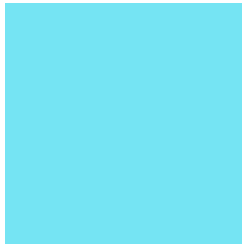
43, 83.094, 333.624



10, 37.402, 332.829

Previews

White Background



This preview shows how the CIE LCh color 85, 32.596, 211.562 looks on a white background.

Color Contrast Check

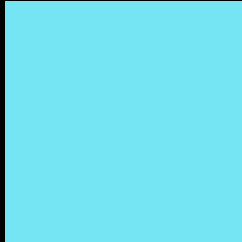
Large Text (above 18pt) WCAG AA × Fail

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, 32.596, 211.562 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, 32.596, 211.562

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.596, 211.562.




This preview shows how white text looks on a background with the CIELCh color 85, 32.596, 211.562.

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



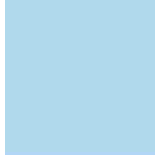


Tritanopia
85, 32.509, 214.569

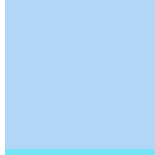
Trichromacy



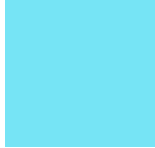
Original Color
85, 32.596, 211.562



Protanomaly
84, 16.500, 236.225



Deuteranomaly
84, 20.114, 256.367

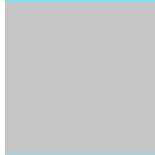


Tritanomaly
85, 32.462, 213.603

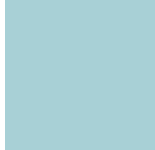
Monochromacy



Original Color
85, 32.596, 211.562



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 13.885, 211.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.596, 211.562 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(117, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(117, 228, 243)  
}
```

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(117, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 228, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.596, 211.562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

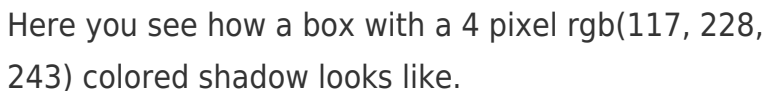
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 228, 243) }
```

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

```
.border{ border-color:rgb(117, 228, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(117, 228,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.596, 211.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 228, 243) }
```

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

```
.background{ background-color: rgb(117,  
228, 243) }
```

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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