

Converting Colors

CIELCh(85, 44.523, 211.001)

Have a look what the booklet for
CIELCh(85, 44.523, 211.001)
contains.

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Color

CIELCh(85, 44.600, 210.549)

Conversions

Conversions Part 1

Format	Color
Hex	18EAFE
RGB	24, 234, 254
RGB Percent	9%, 92%, 100%
CMY	0.9063, 0.0835, 0.0051
CMYK	0.91, 0.08, 0.00, 0.01
HSL	185°, 99%, 54%
HSV	185°, 91%, 99%
XYZ	47.5541, 66.0070, 103.7509
YIQ	173.4900, -131.5800, -38.3000

Conversions

Conversions Part 2

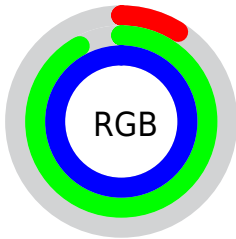
Format	Color
R _Y B	24, 134, 254
Decimal	1633022
CIE Lab	85.00, -38.41, -22.67
CIE LCh	85, 44.600, 210.549
Yxy	66.0070, 0.2188, 0.3037
Android (android.graphics.Color)	4279823102 (0xFF18EAFE)
YUV	173.4900, 39.6914, -131.1027
Hunter-Lab	81.2447, -37.6986, -18.8430

Details

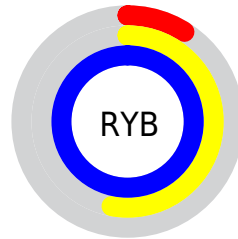
The CIELCh color **85, 44.600, 210.549** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 96.587, 39.506**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.090, 197.085**, and **66, 36.842, 213.565** is the 20% darker color. If you saturate the color by 10%, you get **84, 44.872, 211.949**, and if you desaturate by 10%, it is **86, 43.527, 209.328**.

Distribution



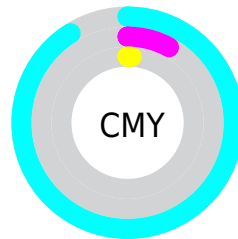
- Red (9%)
- Green (92%)
- Blue (100%)



- Red (9%)
- Yellow (53%)
- Blue (100%)



- Cyan (91%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (91%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 44.600, 210.549 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, 44.600, 210.549 by changing the saturation by 10% instead.

 85, 44.600,
210.549

 85, 44.600,
210.549

 100, 44.600,
210.549


 75, 44.600,
210.549

 65, 44.600,
210.549

 55, 44.600,
210.549

 45, 44.600,
210.549

 35, 44.600,
210.549

 25, 44.600,
210.549

 15, 44.600,

210.549

■ 5, 44.600, 210.549

■ 0, 44.600, 210.549

■ 85, 44.600,
210.549

■ 85, 44.600,
210.549

■ 84, 44.872,
211.949

■ 86, 43.527,
209.328

■ 87, 41.432,
208.397

■ 88, 38.258,
207.726

■ 90, 34.020,
207.280

■ 91, 28.796,

207.026

■ 93, 22.696,
206.935

■ 95, 15.852,
206.980

■ 97, 8.401, 207.154

■ 99, 0.471, 208.708

Harmonies

Complementary

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



85, 44.600, 210.549



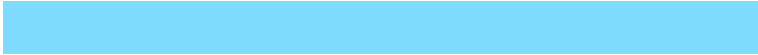
55, 96.587, 39.506

Rectangle

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



85, 44.600, 210.549



85, 44.600, 260.549



85, 44.600, 30.549



85, 44.600, 80.549

Sweetspot

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



85, 44.599, 210.548



94, 20.409, 206.936



88, 114.068, 137.347



49, 13.568, 206.934



0, 0.000, 0.000



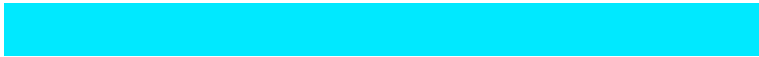
53, 0.007, 296.813

Same Dimension

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



85, 44.599, 210.548



85, 45.044, 211.954



53, 77.520, 288.204



52, 4.547, 207.183



65, 36.329, 211.657



22, 16.877, 209.627

Inverse Universe

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



60, 106.088, 331.713



59, 107.795, 332.113



73, 79.186, 69.829



50, 8.533, 327.408



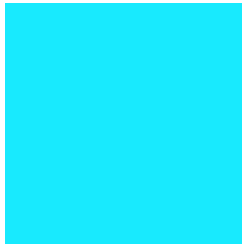
45, 86.926, 332.040



12, 40.321, 331.543

Previews

White Background



This preview shows how the CIE LCh color 85, 44.600, 210.549 looks on a white background.

Color Contrast Check

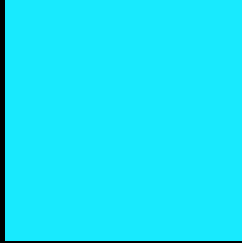
Large Text (above 18pt) WCAG AA × Fail

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, 44.600, 210.549 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, 44.600, 210.549

Background



This preview shows how black text looks on a background with the CIELCh color 85, 44.600, 210.549.



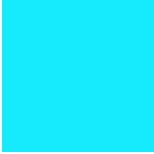
This preview shows how white text looks on a background with the CIELCh color 85, 44.600, 210.549.

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



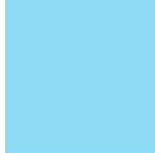


Tritanopia
85, 44.738, 209.784

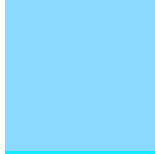
Trichromacy



Original Color
85, 44.639, 210.535



Protanomaly
83, 26.513, 228.184



Deuteranomaly
83, 29.479, 241.595

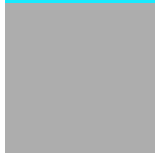


Tritanomaly
85, 44.701, 209.797

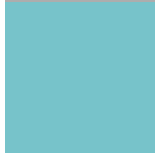
Monochromacy



Original Color
85, 44.639, 210.535



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 24.295, 206.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 44.600, 210.549 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(24, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(24, 234, 254)  
}
```

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(24, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 234, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 44.600, 210.549 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(24, 234, 254) }
```

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

```
.border{ border-color:rgb(24, 234, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(24, 234,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 44.600, 210.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 234, 254) }
```

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

```
.background{ background-color: rgb(24, 234,  
254) }
```

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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