

Converting Colors

CIELCh(87, 35.252, 209.563)

Have a look what the booklet for
CIELCh(87, 35.252, 209.563)
contains.

CIELCh(87, 35.444, 209.309)	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(87, 35.444, 209.309)

Conversions

Conversions Part 1

Format	Color
Hex	6FECFA
RGB	111, 236, 250
RGB Percent	44%, 93%, 98%
CMY	0.5663, 0.0760, 0.0211
CMYK	0.56, 0.06, 0.00, 0.02
HSL	186°, 93%, 71%
HSV	186°, 56%, 98%
XYZ	53.5875, 70.0064, 100.8210
YIQ	200.2210, -78.9940, -22.1460

Conversions

Conversions Part 2

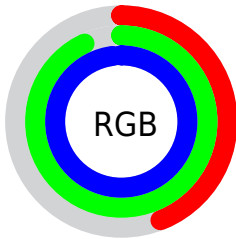
Format	Color
RYB	111, 177, 250
Decimal	7335162
CIELab	87.00, -30.91, -17.35
CIELCh	87, 35.444, 209.309
Yxy	70.0064, 0.2388, 0.3120
Android (android.graphics.Color)	4285525242 (0xFF6FECFA)
YUV	200.2210, 24.5410, -78.2468
Hunter-Lab	83.6698, -32.0994, -12.8748

Details

The CIELCh color **87, 35.444, 209.309** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **66, 55.320, 32.783**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 25.937, 197.818**, and **67, 35.466, 209.542** is the 20% darker color. If you saturate the color by 10%, you get **86, 39.061, 210.009**, and if you desaturate by 10%, it is **89, 30.820, 208.841**.

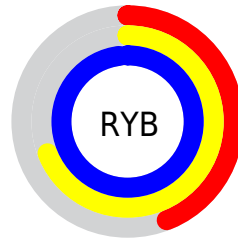
Distribution



Red (44%)

Green (93%)

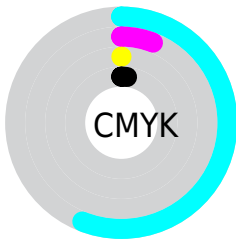
Blue (98%)



Red (44%)

Yellow (69%)

Blue (98%)

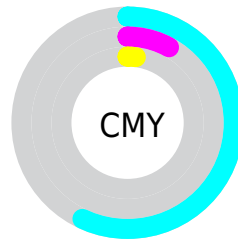


Cyan (56%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (57%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 35.444, 209.309 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 87, 35.444, 209.309 by changing the saturation by 10% instead.

■ 87, 35.444,
209.309

■ 87, 35.444,
209.309

■ 100, 35.444,
209.309

■ 77, 35.444,
209.309

■ 67, 35.444,
209.309

■ 57, 35.444,
209.309

■ 47, 35.444,
209.309

■ 37, 35.444,
209.309

■ 27, 35.444,
209.309

■ 17, 35.444,

209.309

■ 7, 35.444, 209.309

■ 0, 35.444, 209.309

■ 87, 35.444,
209.309

■ 87, 35.444,
209.309

■ 86, 39.061,
210.009

■ 89, 30.820,
208.841

■ 84, 41.626,
210.987

■ 90, 25.286,
208.571

■ 83, 43.156,
212.282

■ 92, 18.962,
208.466

■ 82, 43.755,
213.922

■ 94, 11.980,
208.502

■ 82, 43.835,

■ 97, 4.469, 208.713

214.706

99, 1.599, 39.165

99, 1.912, 90.876

100, 2.715,
109.947

Harmonies

Complementary

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



87, 35.444, 209.309



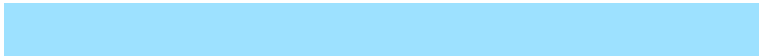
66, 55.320, 32.783

Rectangle

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



87, 35.444, 209.309



87, 35.444, 259.309



87, 35.444, 29.309



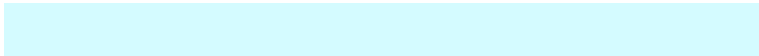
87, 35.444, 79.309

Sweetspot

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



87, 35.443, 209.307



96, 13.147, 208.490



88, 79.205, 142.243



51, 8.737, 208.475



0, 0.000, 0.000



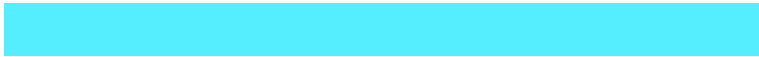
53, 0.007, 296.813

Same Dimension

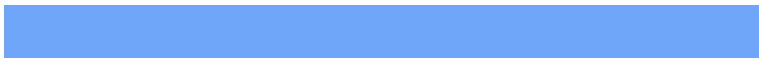
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 35.443, 209.307



87, 40.121, 210.127



68, 47.383, 276.659



51, 4.420, 208.599



64, 35.570, 214.357



20, 16.260, 211.832

Inverse Universe

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



68, 78.294, 330.542



65, 91.631, 331.153



82, 50.245, 77.790



49, 8.314, 327.821



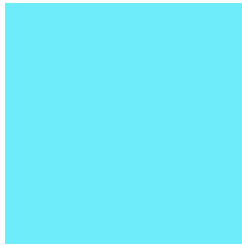
44, 85.150, 332.701



11, 38.911, 332.083

Previews

White Background



This preview shows how the CIE LCh color 87, 35.444, 209.309 looks on a white background.

Color Contrast Check

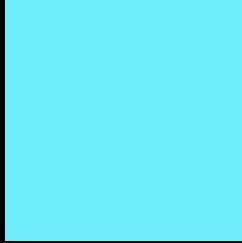
Large Text (above 18pt) WCAG AA × Fail

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 87, 35.444, 209.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

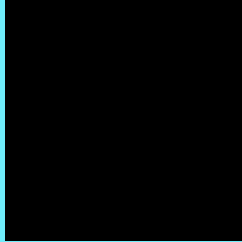
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 35.444, 209.309

Background



This preview shows how black text looks on a background with the CIELCh color 87, 35.444, 209.309.



This preview shows how white text looks on a background with the CIELCh color 87, 35.444, 209.309.

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



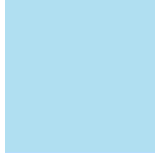


Tritanopia
87, 35.152, 213.954

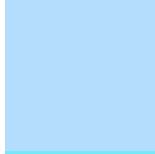
Trichromacy



Original Color
87, 35.444, 209.309



Protanomaly
86, 17.685, 231.004



Deuteranomaly
86, 21.107, 254.409

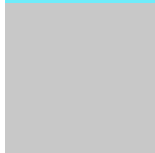


Tritanomaly
87, 35.272, 212.075

Monochromacy



Original Color
87, 35.444, 209.309



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 15.641, 208.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 35.444, 209.309 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(111, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(111, 236, 250)  
}
```

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(111, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 236, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 35.444, 209.309 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(111, 236, 250) }
```

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

```
.border{ border-color:rgb(111, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(111, 236,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 35.444, 209.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 236, 250) }
```

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

```
.background{ background-color: rgb(111,  
236, 250) }
```

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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