

Converting Colors

CIELCh(88, 25.809, 219.819)

Have a look what the booklet for
CIELCh(88, 25.809, 219.819)
contains.

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Color

CIELCh(88, 25.887, 219.421)

Conversions

Conversions Part 1

Format	Color
Hex	99E9FB
RGB	153, 233, 251
RGB Percent	60%, 91%, 98%
CMY	0.3997, 0.0860, 0.0154
CMYK	0.39, 0.07, 0.00, 0.02
HSL	191°, 93%, 79%
HSV	191°, 39%, 98%
XYZ	59.7319, 72.0653, 102.0865
YIQ	211.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

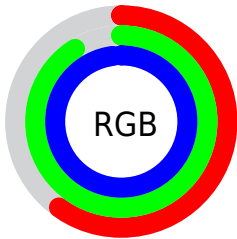
Format	Color
RYB	153, 197, 251
Decimal	10086907
CIELab	88.00, -20.00, -16.44
CIELCh	88, 25.887, 219.421
Yxy	72.0653, 0.2554, 0.3081
Android (android.graphics.Color)	4288276987 (0xFF99E9FB)
YUV	211.1320, 19.6549, -50.9818
Hunter-Lab	84.8913, -22.9621, -11.8757

Details

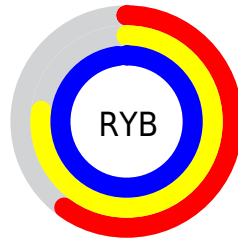
The CIELCh color **88, 25.887, 219.421** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 34.519, 37.894**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **68, 25.884, 219.046** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.956, 220.445**, and if you desaturate by 10%, it is **91, 20.067, 218.679**.

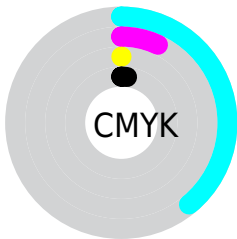
Distribution



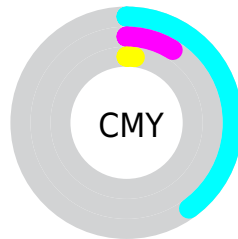
- Red (60%)
- Green (91%)
- Blue (98%)



- Red (60%)
- Yellow (77%)
- Blue (98%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)





- Cyan (40%)
- Magenta (9%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.887, 219.421 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 88, 25.887, 219.421 by changing the saturation by 10% instead.


 88, 25.887,
219.421


 88, 25.887,
219.421


 100, 25.887,
219.421


 78, 25.887,
219.421

 68, 25.887,
219.421

 58, 25.887,
219.421

 48, 25.887,
219.421

 38, 25.887,
219.421

 28, 25.887,
219.421

 18, 25.887,

219.421

■ 8, 25.887, 219.421

■ 0, 25.887, 219.421

■ 88, 25.887,
219.421

■ 88, 25.887,
219.421

■ 86, 30.956,
220.445

■ 91, 20.067,
218.679

■ 83, 35.174,
221.828

■ 93, 13.615,
218.175

■ 81, 38.468,
223.646

■ 96, 6.648, 217.883

■ 80, 40.826,
225.979

■ 99, 0.727, 36.689

100, 1.981,
109.991

■ 78, 42.312,

228.900

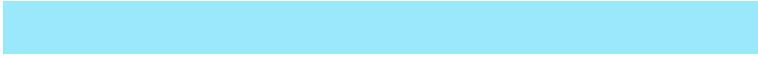
■ 77, 43.126,
232.407

■ 76, 43.196,
232.758

Harmonies

Complementary

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



88, 25.887, 219.421



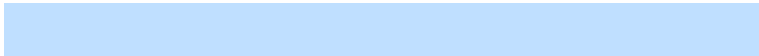
77, 34.519, 37.894

Rectangle

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



88, 25.887, 219.421



88, 25.887, 269.421



88, 25.887, 39.421



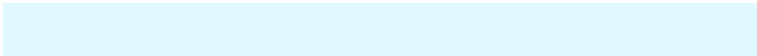
88, 25.887, 89.421

Sweetspot

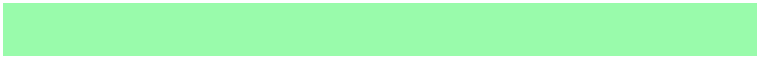
The Sweet Spot groups the original color and five complimentary colors.



88, 25.887, 219.418



96, 8.874, 217.945



91, 53.849, 146.744



51, 5.865, 217.980



0, 0.000, 0.000



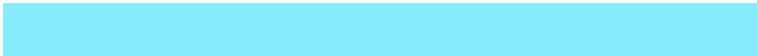
53, 0.007, 296.813

Same Dimension

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



88, 25.887, 219.418



87, 30.366, 220.214



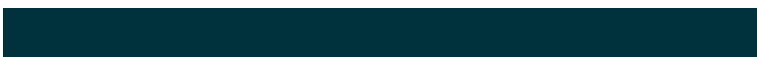
75, 36.936, 278.965



51, 4.163, 217.891



59, 34.820, 232.054



18, 15.709, 226.993

Inverse Universe

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



76, 53.943, 332.489



73, 64.975, 333.044



89, 36.888, 87.334



49, 7.843, 330.524



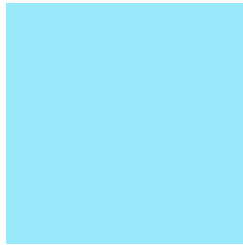
43, 79.869, 337.194



11, 36.777, 335.861

Previews

White Background



This preview shows how the CIELCh color 88, 25.887, 219.421 looks on a white background.

Color Contrast Check

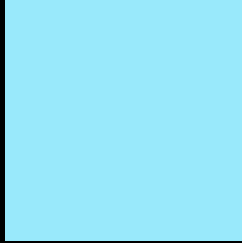
Large Text (above 18pt) WCAG AA × Fail

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 88, 25.887, 219.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

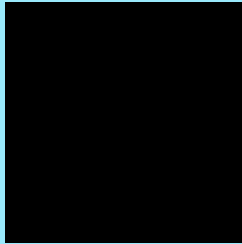
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.887, 219.421

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.887, 219.421.



This preview shows how white text looks on a background with the CIELCh color 88, 25.887, 219.421.

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



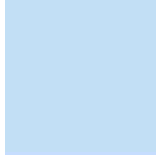


Tritanopia
88, 26.006, 220.580

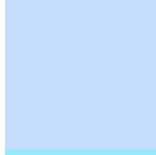
Trichromacy



Original Color
88, 25.887, 219.421



Protanomaly
87, 14.759, 250.468



Deuteranomaly
87, 18.607, 267.758

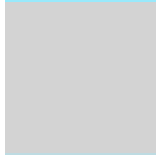


Tritanomaly
88, 26.006, 220.580

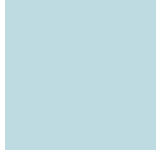
Monochromacy



Original Color
88, 25.887, 219.421



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.504, 219.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.887, 219.421 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(153, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(153, 233, 251)  
}
```

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(153, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 233, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.887, 219.421 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(153, 233, 251) }
```

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

```
.border{ border-color:rgb(153, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(153, 233,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.887, 219.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 233, 251) }
```

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

```
.background{ background-color: rgb(153,  
233, 251) }
```

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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