

Converting Colors

CIELCh(89, 26.192, 219.423)

Have a look what the booklet for
CIELCh(89, 26.192, 219.423)
contains.

CIELCh(89, 26.120, 219.163)	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(89, 26.120, 219.163)

Conversions

Conversions Part 1

Format	Color
Hex	9BECFE
RGB	155, 236, 254
RGB Percent	61%, 93%, 100%
CMY	0.3919, 0.0742, 0.0037
CMYK	0.39, 0.07, 0.00, 0.00
HSL	191°, 98%, 80%
HSV	191°, 39%, 100%
XYZ	61.4450, 74.1641, 104.8985
YIQ	213.8330, -54.0540, -11.5740

Conversions

Conversions Part 2

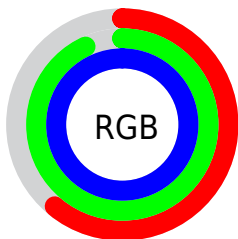
Format	Color
R_{YB}	155, 200, 254
Decimal	10218750
CIE _{Lab}	89.00, -20.25, -16.50
CIE _{LCh}	89, 26.120, 219.163
Yxy	74.1641, 0.2555, 0.3084
Android (android.graphics.Color)	4288408830 (0xFF9BECFE)
YUV	213.8330, 19.8023, -51.5965
Hunter-Lab	86.1186, -23.3491, -11.9364

Details

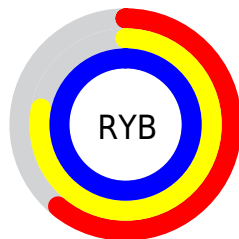
The CIELCh color **89, 26.120, 219.163** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.826, 37.721**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **69, 26.124, 218.769** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.243, 220.170**, and if you desaturate by 10%, it is **92, 20.237, 218.435**.

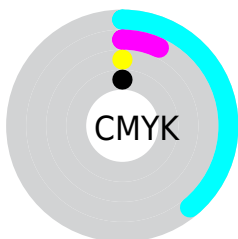
Distribution



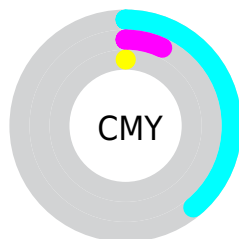
- Red (61%)
- Green (93%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 26.120, 219.163 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 89, 26.120, 219.163 by changing the saturation by 10% instead.


 89, 26.120,
219.163


 89, 26.120,
219.163


 100, 26.120,
219.163


 79, 26.120,
219.163

 69, 26.120,
219.163

 59, 26.120,
219.163

 49, 26.120,
219.163

 39, 26.120,
219.163

 29, 26.120,
219.163

 19, 26.120,

219.163

■ 9, 26.120, 219.163

■ 0, 26.120, 219.163

■ 89, 26.120,
219.163

■ 89, 26.120,
219.163

■ 87, 31.243,
220.170

■ 92, 20.237,
218.435

■ 84, 35.502,
221.534

■ 94, 13.715,
217.943

■ 82, 38.826,
223.328

■ 97, 6.670, 217.663

100, 0.279, 75.264

■ 81, 41.200,
225.633

100, 0.461,
109.976

■ 79, 42.688,

228.522

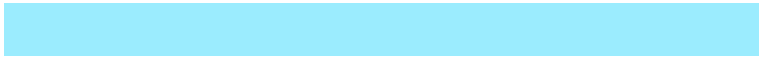
■ 78, 43.489,
231.996

■ 77, 43.562,
232.369

Harmonies

Complementary

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



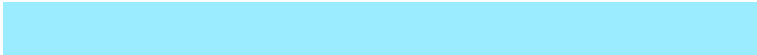
89, 26.120, 219.163



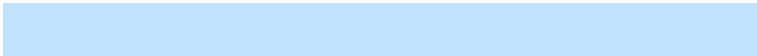
78, 34.826, 37.721

Rectangle

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



89, 26.120, 219.163



89, 26.120, 269.163



89, 26.120, 39.163



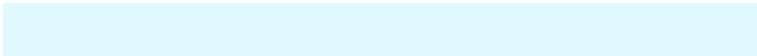
89, 26.120, 89.163

Sweetspot

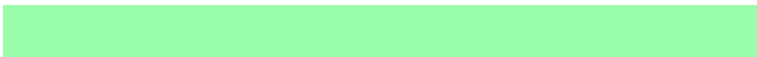
The Sweet Spot groups the original color and five complimentary colors.



89, 26.120, 219.160



96, 8.883, 217.723



92, 54.941, 146.214



51, 5.871, 217.756



0, 0.000, 0.000



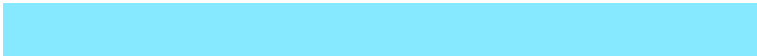
53, 0.007, 296.813

Same Dimension

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



89, 26.120, 219.160



87, 30.390, 219.947



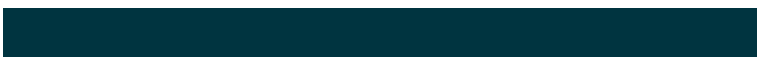
76, 36.433, 277.709



52, 4.237, 217.671



60, 35.154, 231.684



19, 16.134, 226.900

Inverse Universe

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



76, 54.442, 332.417



73, 65.056, 332.973



89, 36.694, 85.987



50, 7.985, 330.461



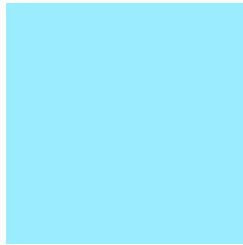
44, 80.774, 337.094



11, 37.783, 335.837

Previews

White Background



This preview shows how the CIE LCh color 89, 26.120, 219.163 looks on a white background.

Color Contrast Check

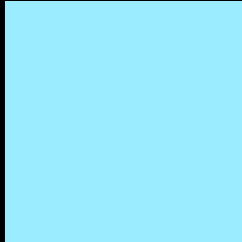
Large Text (above 18pt) WCAG AA × Fail

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 89, 26.120, 219.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

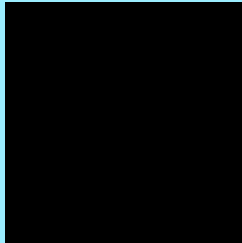
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 26.120, 219.163

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.120, 219.163.

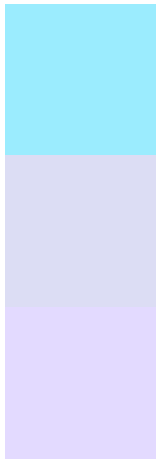


This preview shows how white text looks on a background with the CIELCh color 89, 26.120, 219.163.

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
89, 26.120, 219.163

Protanopia
89, 12.001, 289.527

Deuteranopia
89, 19.614, 300.652

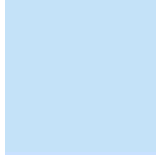


Tritanopia
89, 26.237, 220.310

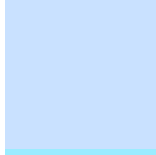
Trichromacy



Original Color
89, 26.120, 219.163



Protanomaly
88, 14.929, 249.473



Deuteranomaly
89, 17.290, 264.365

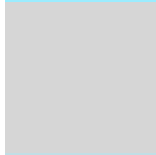


Tritanomaly
89, 26.237, 220.310

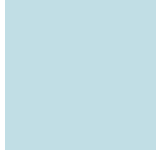
Monochromacy



Original Color
89, 26.120, 219.163



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 10.484, 219.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.120, 219.163 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(155, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(155, 236, 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(155, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 236, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.120, 219.163 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(155, 236, 254) }
```

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

```
.border{ border-color:rgb(155, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(155, 236,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.120, 219.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 236, 254) }
```

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

```
.background{ background-color: rgb(155,  
236, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor