

Converting Colors

CIELCh(79, 32.261, 267.627)

Have a look what the booklet for
CIELCh(79, 32.261, 267.627)
contains.

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Color

CIELCh(79, 32.319, 267.613)

Conversions

Conversions Part 1

Format	Color
Hex	99C7FF
RGB	153, 199, 255
RGB Percent	60%, 78%, 100%
CMY	0.3994, 0.2190, 0.0000
CMYK	0.40, 0.22, 0.00, 0.00
HSL	213°, 100%, 80%
HSV	213°, 40%, 100%
XYZ	51.6946, 54.9284, 102.6117
YIQ	191.6300, -45.3920, 7.6640

Conversions

Conversions Part 2

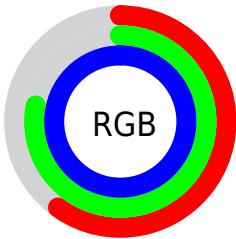
Format	Color
R _Y B	153, 185, 255
Decimal	10078207
CIE Lab	79.00, -1.35, -32.29
CIE LCh	79, 32.319, 267.613
Yxy	54.9284, 0.2471, 0.2625
Android (android.graphics.Color)	4288268287 (0xFF99C7FF)
YUV	191.6300, 31.2414, -33.8785
Hunter-Lab	74.1137, -5.1944, -30.2085

Details

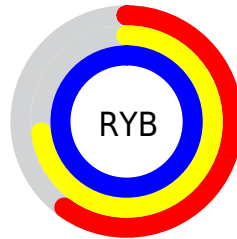
The CIELCh color **79, 32.319, 267.613** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 34.945, 75.203**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **59, 32.420, 267.830** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.219, 270.167**, and if you desaturate by 10%, it is **84, 24.229, 265.310**.

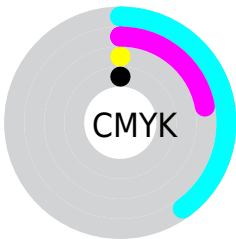
Distribution



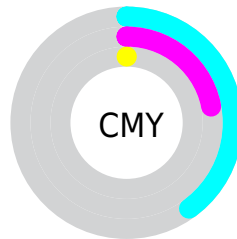
- Red (60%)
- Green (78%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.319, 267.613 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 79, 32.319, 267.613 by changing the saturation by 10% instead.


 79, 32.319,
267.613


 79, 32.319,
267.613


 100, 32.319,
267.613


 69, 32.319,
267.613


 99, 32.319,
267.613

 59, 32.319,
267.613

 49, 32.319,
267.613

 39, 32.319,
267.613

 29, 32.319,
267.613

 19, 32.319,
267.613

 9, 32.319, 267.613

■ 0, 32.319, 267.613

■ 79, 32.319,
267.613

■ 79, 32.319,
267.613

■ 74, 40.219,
270.167

■ 84, 24.229,
265.310

■ 69, 48.166,
273.248

■ 89, 16.164,
263.434

■ 64, 56.139,
276.794

■ 95, 8.069, 261.865

■ 60, 64.221,
280.764

100, 0.012,
296.813

■ 55, 72.499,
285.033

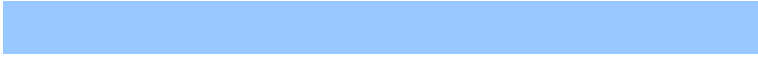
■ 51, 81.026,
289.329

■ 51, 81.077,
289.353

Harmonies

Complementary

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



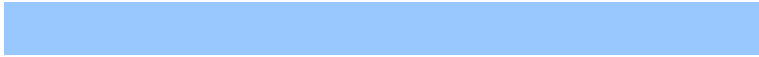
79, 32.319, 267.613



87, 34.945, 75.203

Rectangle

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



79, 32.319, 267.613



79, 32.319, 317.613



79, 32.319, 87.613



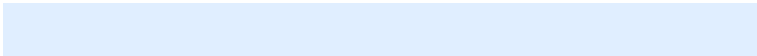
79, 32.319, 137.613

Sweetspot

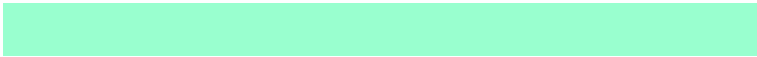
The Sweet Spot groups the original color and five complimentary colors.



79, 32.248, 267.536



94, 9.737, 262.164



93, 42.280, 161.422



49, 6.458, 262.360



0, 0.000, 0.000



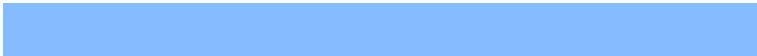
53, 0.007, 296.813

Same Dimension

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



79, 32.248, 267.536



75, 38.675, 269.623



67, 56.220, 296.584



50, 4.615, 261.804



39, 64.127, 288.572



11, 25.893, 282.414

Inverse Universe

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



75, 44.412, 350.627



71, 53.075, 351.849



98, 50.643, 107.826



50, 6.183, 347.134



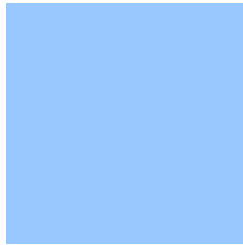
41, 67.998, 6.782



10, 31.498, 0.452

Previews

White Background



This preview shows how the CIELCh color 79, 32.319, 267.613 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 79, 32.319, 267.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

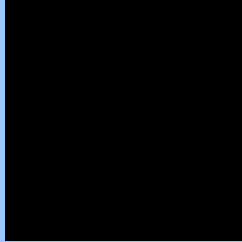
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

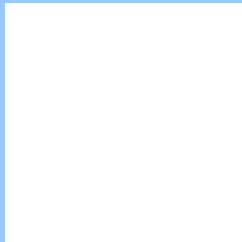
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.319, 267.613

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.319, 267.613.



This preview shows how white text looks on a background with the CIELCh color 79, 32.319, 267.613.

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

79, 32.319, 267.613

Protanopia

79, 30.622, 285.147

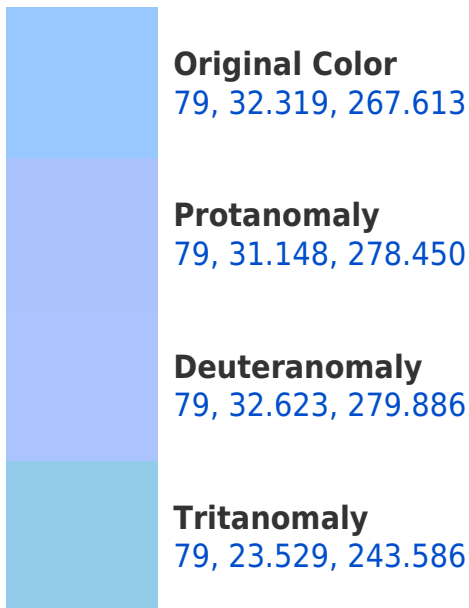
Deuteranopia

79, 33.755, 287.294

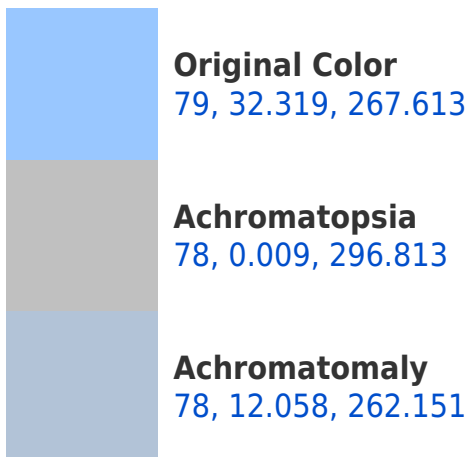


Tritanopia
79, 21.176, 223.752

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.319, 267.613 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 255)  
}
```

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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.319, 267.613 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, 199, 255) }
```

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

```
.border{ border-color:rgb(153, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 199,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.319, 267.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 255) }
```

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

```
.background{ background-color: rgb(153,  
199, 255) }
```

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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