

Converting Colors

CIELCh(79, 32.166, 254.792)

Have a look what the booklet for
CIELCh(79, 32.166, 254.792)
contains.

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Color

CIELCh(79, 32.316, 254.899)

Conversions

Conversions Part 1

Format	Color
Hex	87CBFD
RGB	135, 203, 253
RGB Percent	53%, 80%, 99%
CMY	0.4707, 0.2041, 0.0080
CMYK	0.47, 0.20, 0.00, 0.01
HSL	205°, 97%, 76%
HSV	205°, 47%, 99%
XYZ	49.0533, 54.9284, 100.9086
YIQ	188.3680, -56.5780, 1.1340

Conversions

Conversions Part 2

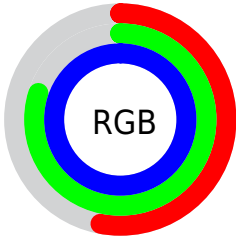
Format	Color
RYB	135, 178, 253
Decimal	8899581
CIELab	79.00, -8.42, -31.20
CIELCh	79, 32.316, 254.899
Yxy	54.9284, 0.2394, 0.2681
Android (android.graphics.Color)	4287089661 (0xFF87CBFD)
YUV	188.3680, 31.8636, -46.8037
Hunter-Lab	74.1137, -11.5558, -28.8460

Details

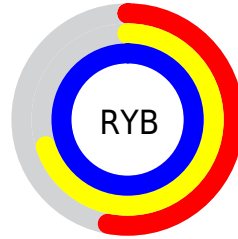
The CIELCh color **79, 32.316, 254.899** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 39.721, 61.745**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.212, 198.174**, and **59, 32.285, 254.621** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.426, 257.803**, and if you desaturate by 10%, it is **83, 25.874, 252.494**.

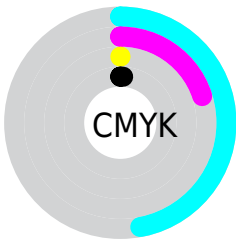
Distribution



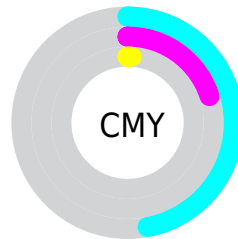
- Red (53%)
- Green (80%)
- Blue (99%)



- Red (53%)
- Yellow (70%)
- Blue (99%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)





- Cyan (47%)
- Magenta (20%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.316, 254.899 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, 32.316, 254.899 by changing the saturation by 10% instead.


 79, 32.316,
254.899

 79, 32.316,
254.899


 100, 32.316,
254.899


 69, 32.316,
254.899


 99, 32.316,
254.899


 59, 32.316,
254.899

 49, 32.316,
254.899

 39, 32.316,
254.899

 29, 32.316,
254.899

 19, 32.316,
254.899

 9, 32.316, 254.899

■ 0, 32.316, 254.899

■ 79, 32.316,
254.899

■ 79, 32.316,
254.899

■ 75, 38.426,
257.803

■ 83, 25.874,
252.494

■ 71, 44.219,
261.270

■ 87, 19.127,
250.516

■ 67, 49.757,
265.323

■ 92, 12.118,
248.896

■ 64, 55.163,
269.916

■ 96, 4.898, 247.606

■ 61, 60.609,
274.888

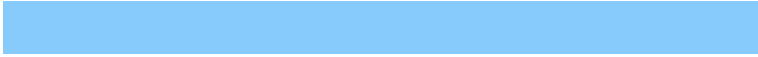
100, 1.025,
110.026

■ 60, 62.495,
276.531

Harmonies

Complementary

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



79, 32.316, 254.899



80, 39.721, 61.745

Rectangle

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



79, 32.316, 254.899



79, 32.316, 304.899



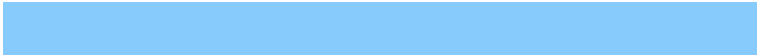
79, 32.316, 74.899



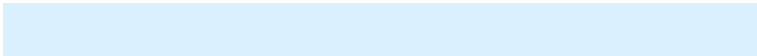
79, 32.316, 124.899

Sweetspot

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



79, 32.315, 254.898



94, 10.293, 248.521



91, 53.502, 154.753



49, 7.087, 248.826



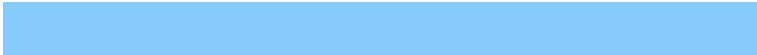
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 32.315, 254.898



76, 38.288, 257.606



64, 60.223, 293.694



51, 4.203, 247.936



46, 49.904, 275.626



14, 20.717, 268.546

Inverse Universe

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



71, 54.893, 344.174



67, 65.032, 345.422



95, 54.109, 101.667



50, 6.725, 340.462



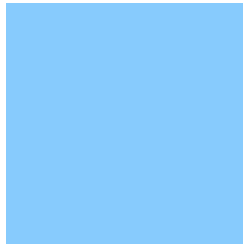
42, 69.676, 355.060



11, 32.788, 350.667

Previews

White Background



This preview shows how the CIE LCh color 79, 32.316, 254.899 looks on a white background.

Color Contrast Check

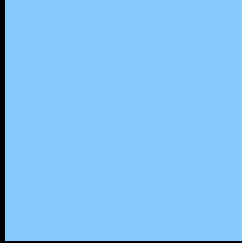
Large Text (above 18pt) WCAG AA × Fail

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, 32.316, 254.899 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

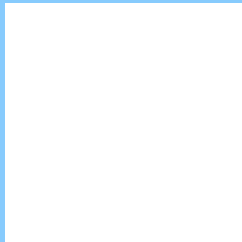
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.316, 254.899

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.316, 254.899.



This preview shows how white text looks on a background with the CIELCh color 79, 32.316, 254.899.

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, 32.316, 254.899

Protanopia

79, 28.453, 285.565

Deuteranopia

79, 33.755, 287.294



Tritanopia
79, 26.264, 218.187

Trichromacy



Original Color
79, 32.316, 254.899

Protanomaly
79, 29.117, 272.691

Deuteranomaly
79, 32.111, 275.182

Tritanomaly
79, 27.154, 233.166

Monochromacy



Original Color
79, 32.316, 254.899

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 12.891, 251.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.316, 254.899 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(135, 203, 253)` looks like.

```
.text, #text, p{  
    color:rgb(135, 203, 253)  
}
```

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(135, 203, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 203, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.316, 254.899 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(135, 203, 253) }
```

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

```
.border{ border-color:rgb(135, 203, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 203, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 203, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 203, 253);  
box-shadow:4px 4px 4px 4px rgb(135, 203,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.316, 254.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 203, 253) }
```

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

```
.background{ background-color: rgb(135,  
203, 253) }
```

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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