

Converting Colors

CIELCh(78, 34.297, 257.264)

Have a look what the booklet for
CIELCh(78, 34.297, 257.264)
contains.

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Color

CIELCh(78, 34.195, 257.005)

Conversions

Conversions Part 1

Format	Color
Hex	82C8FE
RGB	130, 200, 254
RGB Percent	51%, 78%, 100%
CMY	0.4902, 0.2157, 0.0039
CMYK	0.49, 0.21, 0.00, 0.00
HSL	206°, 98%, 75%
HSV	206°, 49%, 100%
XYZ	47.7512, 53.2120, 101.5232
YIQ	185.2260, -59.0540, 1.9540

Conversions

Conversions Part 2

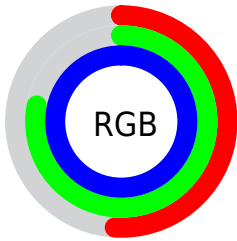
Format	Color
RYB	130, 175, 254
Decimal	8571134
CIELab	78.00, -7.69, -33.32
CIELCh	78, 34.195, 257.005
Yxy	53.2120, 0.2358, 0.2628
Android (android.graphics.Color)	4286761214 (0xFF82C8FE)
YUV	185.2260, 33.9056, -48.4332
Hunter-Lab	72.9466, -10.8094, -31.4541

Details

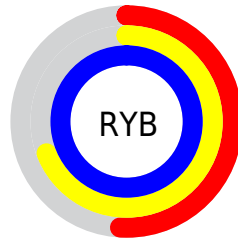
The CIELCh color **78, 34.195, 257.005** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 42.013, 62.726**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.687, 198.082**, and **58, 34.215, 257.112** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.410, 260.047**, and if you desaturate by 10%, it is **82, 27.675, 254.472**.

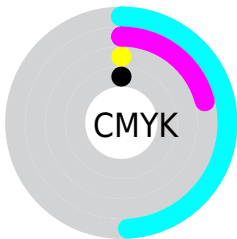
Distribution



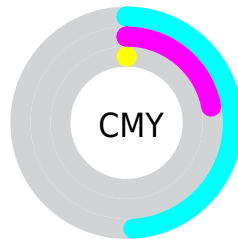
- Red (51%)
- Green (78%)
- Blue (100%)



- Red (51%)
- Yellow (69%)
- Blue (100%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.195, 257.005 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 78, 34.195, 257.005 by changing the saturation by 10% instead.


 78, 34.195,
257.005

 78, 34.195,
257.005


 100, 34.195,
257.005

 68, 34.195,
257.005


 98, 34.195,
257.005

 58, 34.195,
257.005

 48, 34.195,
257.005

 38, 34.195,
257.005

 28, 34.195,
257.005

 18, 34.195,
257.005

 8, 34.195, 257.005

0, 34.195, 257.005

78, 34.195,
257.005

78, 34.195,
257.005

74, 40.410,
260.047

82, 27.675,
254.472

70, 46.348,
263.653

87, 20.868,
252.380

66, 52.088,
267.828

91, 13.809,
250.659

63, 57.764,
272.497

96, 6.545, 249.263

59, 63.556,
277.438

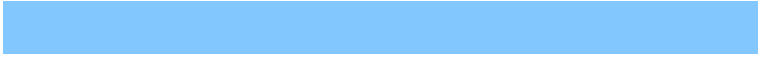
100, 0.493,
109.984

59, 64.264,
278.001

Harmonies

Complementary

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



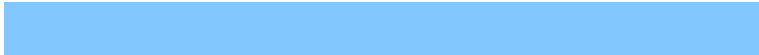
78, 34.195, 257.005



80, 42.013, 62.726

Rectangle

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



78, 34.195, 257.005



78, 34.195, 307.005



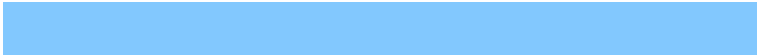
78, 34.195, 77.005



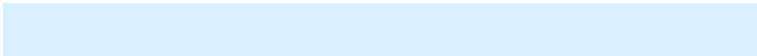
78, 34.195, 127.005

Sweetspot

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



78, 34.194, 257.004



93, 11.093, 250.088



91, 55.209, 155.218



49, 7.550, 250.398



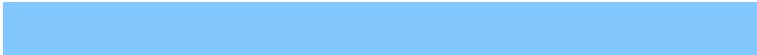
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 34.194, 257.004



74, 40.649, 260.112



62, 64.765, 294.845



51, 4.231, 249.348



45, 51.123, 277.097



13, 21.146, 270.083

Inverse Universe

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



70, 57.043, 345.109



66, 67.466, 346.567



95, 57.485, 102.307



50, 6.670, 341.044



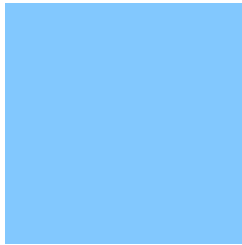
42, 69.377, 356.115



11, 32.622, 351.536

Previews

White Background



This preview shows how the CIE LCh color 78, 34.195, 257.005 looks on a white background.

Color Contrast Check

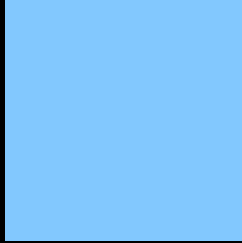
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.195, 257.005 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

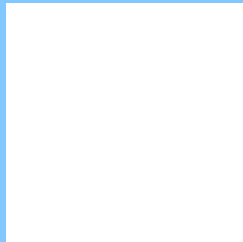
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.195, 257.005

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.195, 257.005.

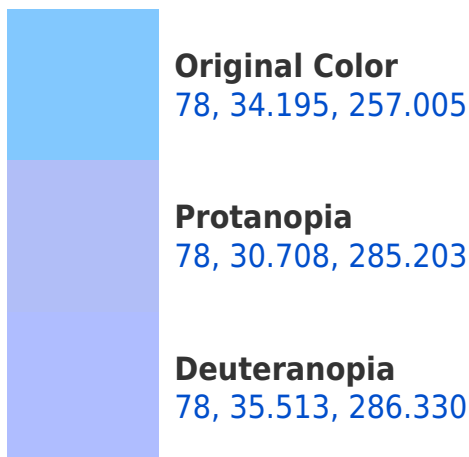


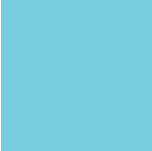
This preview shows how white text looks on a background with the CIELCh color 78, 34.195, 257.005.

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](#).

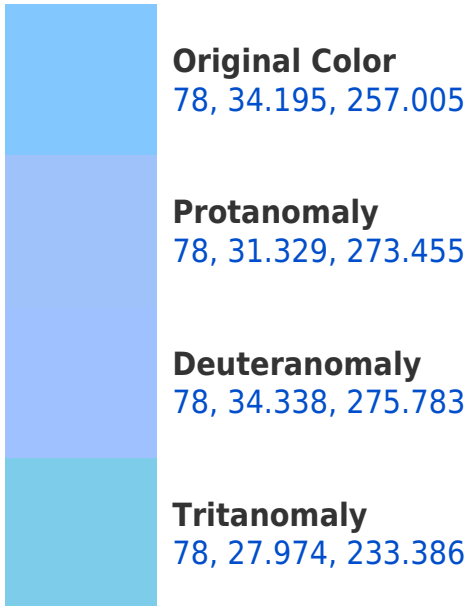
Dichromacy



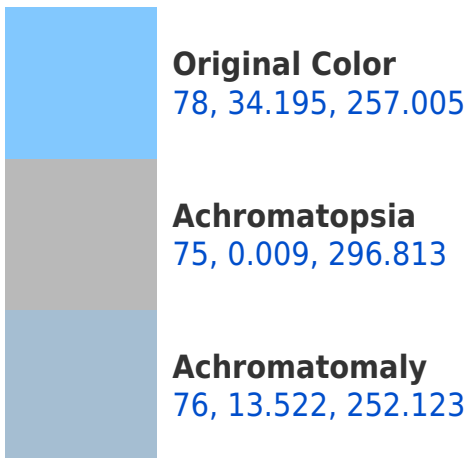


Tritanopia
78, 27.085, 216.293

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.195, 257.005 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(130, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(130, 200, 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(130, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 200, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.195, 257.005 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(130, 200, 254) }
```

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

```
.border{ border-color:rgb(130, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(130, 200,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.195, 257.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 200, 254) }
```

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

```
.background{ background-color: rgb(130,  
200, 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](#).

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