

Converting Colors

CIELCh(78, 34.293, 258.654)

Have a look what the booklet for
CIELCh(78, 34.293, 258.654)
contains.

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Color

CIELCh(78, 34.354, 258.318)

Conversions

Conversions Part 1

Format	Color
Hex	84C8FF
RGB	132, 200, 255
RGB Percent	52%, 78%, 100%
CMY	0.4838, 0.2171, 0.0015
CMYK	0.48, 0.22, 0.00, 0.00
HSL	207°, 99%, 76%
HSV	207°, 48%, 100%
XYZ	48.0160, 53.2120, 102.0277
YIQ	185.9380, -58.1830, 2.6890

Conversions

Conversions Part 2

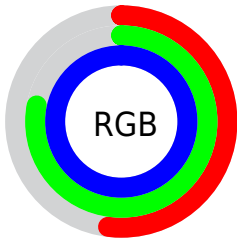
Format	Color
RYB	132, 176, 255
Decimal	8702207
CIELab	78.00, -6.96, -33.64
CIELCh	78, 34.354, 258.318
Yxy	53.2120, 0.2362, 0.2618
Android (android.graphics.Color)	4286892287 (0xFF84C8FF)
YUV	185.9380, 34.0476, -47.3036
Hunter-Lab	72.9466, -10.1615, -31.8642

Details

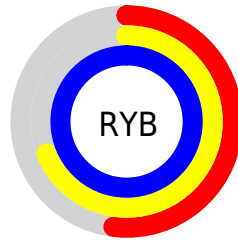
The CIELCh color **78, 34.354, 258.318** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 41.643, 63.955**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **58, 34.440, 258.360** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.753, 261.348**, and if you desaturate by 10%, it is **82, 27.678, 255.789**.

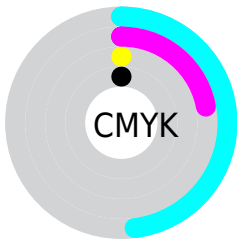
Distribution



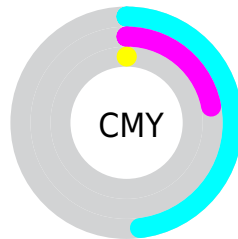
- Red (52%)
- Green (78%)
- Blue (100%)



- Red (52%)
- Yellow (69%)
- Blue (100%)



- Cyan (48%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (48%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.354, 258.318 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, 34.354, 258.318 by changing the saturation by 10% instead.


 78, 34.354,
258.318

 78, 34.354,
258.318


 100, 34.354,
258.318


 68, 34.354,
258.318


 98, 34.354,
258.318

 58, 34.354,
258.318

 48, 34.354,
258.318

 38, 34.354,
258.318

 28, 34.354,
258.318

 18, 34.354,
258.318

 8, 34.354, 258.318

■ 0, 34.354, 258.318

■ 78, 34.354,
258.318

■ 78, 34.354,
258.318

■ 74, 40.753,
261.348

■ 82, 27.678,
255.789

■ 70, 46.904,
264.931

■ 87, 20.741,
253.694

■ 66, 52.884,
269.069

■ 91, 13.575,
251.966

■ 62, 58.825,
273.689

■ 96, 6.223, 250.562

■ 59, 64.895,
278.579

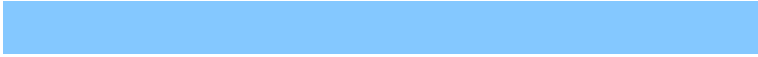
100, 0.181,
109.736

■ 58, 65.957,
279.379

Harmonies

Complementary

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



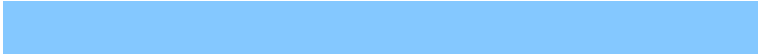
78, 34.354, 258.318



81, 41.643, 63.955

Rectangle

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



78, 34.354, 258.318



78, 34.354, 308.318



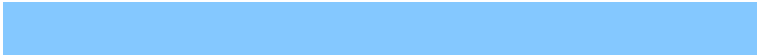
78, 34.354, 78.318



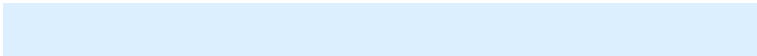
78, 34.354, 128.318

Sweetspot

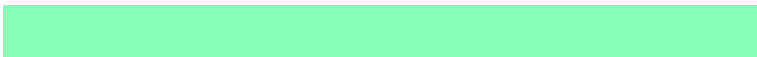
The Sweet Spot groups the original color and five complimentary colors.



78, 34.353, 258.317



93, 10.442, 251.321



92, 54.785, 155.288



49, 7.193, 251.637



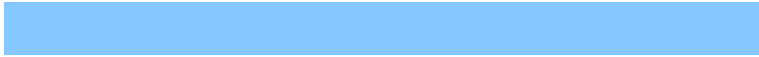
0, 0.000, 0.000



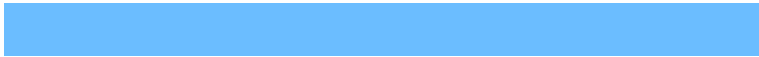
53, 0.007, 296.813

Same Dimension

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



78, 34.353, 258.317



74, 40.610, 261.249



62, 64.146, 294.736



51, 4.260, 250.712



44, 52.347, 278.480



13, 21.579, 271.538

Inverse Universe

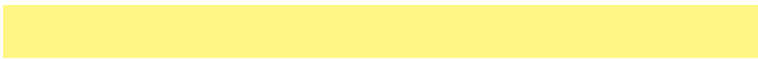
The Inverse Universe completely reimagines the original color for something new.



71, 56.231, 345.699



66, 66.117, 347.106



96, 57.035, 102.358



50, 6.617, 341.622



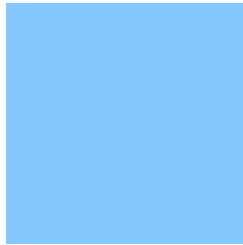
41, 69.112, 357.160



11, 32.467, 352.399

Previews

White Background



This preview shows how the CIE LCh color 78, 34.354, 258.318 looks on a white background.

Color Contrast Check

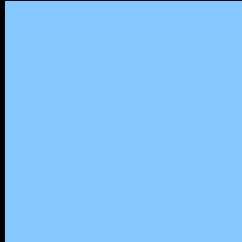
Large Text (above 18pt) WCAG AA × Fail

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, 34.354, 258.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

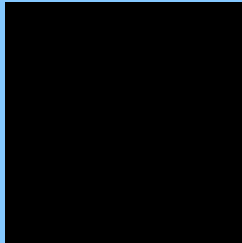
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

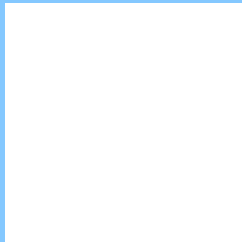
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.354, 258.318

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.354, 258.318.



This preview shows how white text looks on a background with the CIELCh color 78, 34.354, 258.318.

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, 26.713, 217.846

Trichromacy



Original Color
78, 34.354, 258.318

Protanomaly
78, 31.248, 273.958

Deuteranomaly
78, 34.338, 275.783

Tritanomaly
78, 27.824, 235.055

Monochromacy



Original Color
78, 34.354, 258.318

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.511, 252.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.354, 258.318 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(132, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 200, 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(132, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 200, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.354, 258.318 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(132, 200, 255) }
```

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

```
.border{ border-color:rgb(132, 200, 255) }
```

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

Here you see how a box with a 4 pixel rgb(132, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 200,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.354, 258.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 200, 255) }
```

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

```
.background{ background-color: rgb(132,  
200, 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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