

Converting Colors

CIELCh(78, 34.613, 263.151)

Have a look what the booklet for
CIELCh(78, 34.613, 263.151)
contains.

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Color

CIELCh(78, 34.186, 262.844)

Conversions

Conversions Part 1

Format	Color
Hex	8BC6FF
RGB	139, 198, 255
RGB Percent	55%, 78%, 100%
CMY	0.4541, 0.2228, 0.0000
CMYK	0.45, 0.22, 0.00, 0.00
HSL	209°, 100%, 77%
HSV	209°, 45%, 100%
XYZ	48.9984, 53.2120, 102.4621
YIQ	186.8570, -53.4610, 5.2190

Conversions

Conversions Part 2

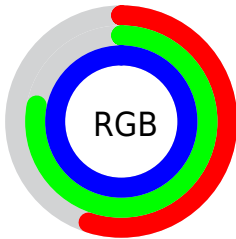
Format	Color
R _Y B	139, 178, 255
Decimal	9160447
CIE Lab	78.00, -4.26, -33.92
CIE LCh	78, 34.186, 262.844
Yxy	53.2120, 0.2394, 0.2600
Android (android.graphics.Color)	4287350527 (0xFF8BC6FF)
YUV	186.8570, 33.5945, -41.9706
Hunter-Lab	72.9466, -7.7577, -32.2172

Details

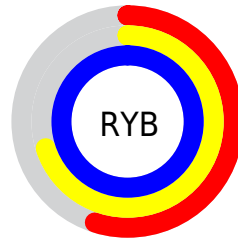
The CIELCh color **78, 34.186, 262.844** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 39.260, 68.731**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **58, 34.308, 263.121** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.182, 265.638**, and if you desaturate by 10%, it is **83, 26.844, 260.290**.

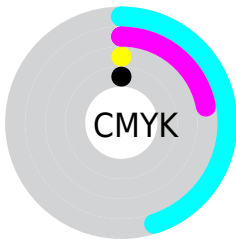
Distribution



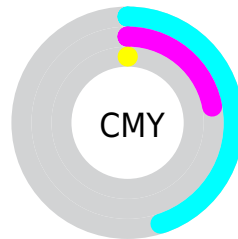
- Red (55%)
- Green (78%)
- Blue (100%)



- Red (55%)
- Yellow (70%)
- Blue (100%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (45%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.186, 262.844 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, 34.186, 262.844 by changing the saturation by 10% instead.


 78, 34.186,
262.844

 78, 34.186,
262.844


 100, 34.186,
262.844


 68, 34.186,
262.844


 98, 34.186,
262.844

 58, 34.186,
262.844

 48, 34.186,
262.844

 38, 34.186,
262.844

 28, 34.186,
262.844

 18, 34.186,
262.844

 8, 34.186, 262.844

0, 34.186, 262.844

78, 34.186,
262.844

78, 34.186,
262.844

73, 41.182,
265.638

83, 26.844,
260.290

69, 48.119,
269.052

88, 19.424,
258.248

65, 54.980,
272.978

92, 11.863,
256.549

61, 61.874,
277.350

97, 4.193, 255.179

57, 68.931,
282.002

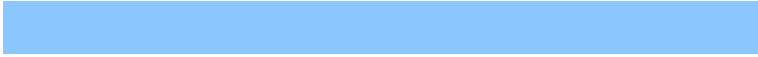
100, 0.012,
296.813

55, 72.265,
284.100

Harmonies

Complementary

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



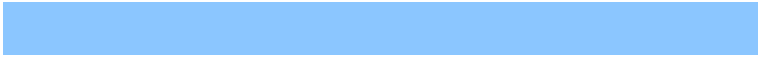
78, 34.186, 262.844



83, 39.260, 68.731

Rectangle

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



78, 34.186, 262.844



78, 34.186, 312.844



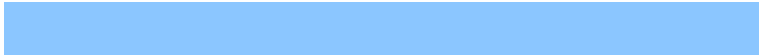
78, 34.186, 82.844



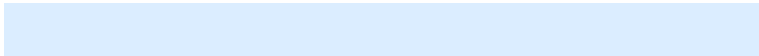
78, 34.186, 132.844

Sweetspot

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



78, 34.098, 262.733



93, 10.785, 256.334



92, 49.684, 158.091



49, 7.436, 256.665



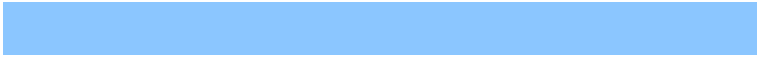
0, 0.000, 0.000



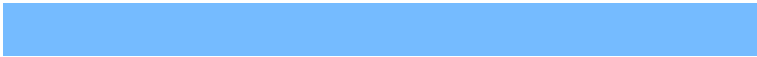
53, 0.007, 296.813

Same Dimension

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



78, 34.098, 262.733



74, 40.191, 265.198



63, 63.503, 296.059



51, 4.392, 255.692



42, 57.215, 283.248



12, 23.333, 276.619

Inverse Universe

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



72, 51.862, 347.857



68, 60.806, 349.149



97, 56.314, 105.054



50, 6.423, 343.898



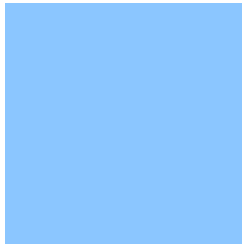
41, 68.356, 1.219



10, 31.961, 355.766

Previews

White Background



This preview shows how the CIELCh color 78, 34.186, 262.844 looks on a white background.

Color Contrast Check

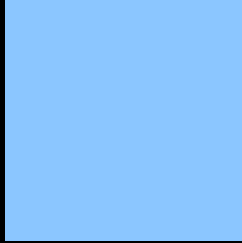
Large Text (above 18pt) WCAG AA × Fail

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, 34.186, 262.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

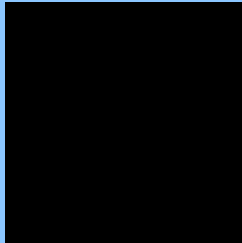
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

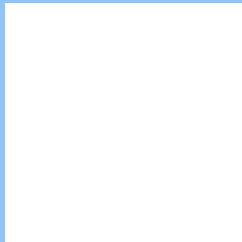
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.186, 262.844

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.186, 262.844.



This preview shows how white text looks on a background with the CIELCh color 78, 34.186, 262.844.

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

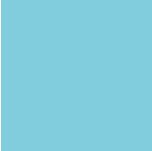
78, 34.186, 262.844

Protanopia

78, 31.762, 285.588

Deuteranopia

78, 35.513, 286.330



Tritanopia
78, 24.620, 219.782

Trichromacy



Original Color
78, 34.186, 262.844

Protanomaly
78, 32.046, 276.262

Deuteranomaly
78, 34.602, 277.972

Tritanomaly
78, 26.083, 238.120

Monochromacy



Original Color
78, 34.186, 262.844

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.199, 258.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.186, 262.844 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(139, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 198, 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(139, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 198, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.186, 262.844 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(139, 198, 255) }
```

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

```
.border{ border-color:rgb(139, 198, 255) }
```

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

Here you see how a box with a 4 pixel rgb(139, 198, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 198,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.186, 262.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 198, 255) }
```

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

```
.background{ background-color: rgb(139,  
198, 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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