

Converting Colors

CIELCh(78, 26.830, 256.860)

Have a look what the booklet for
CIELCh(78, 26.830, 256.860)
contains.

CIELCh(78, 27.061, 257.696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 27.061, 257.696)

Conversions

Conversions Part 1

Format	Color
Hex	94C6F1
RGB	148, 198, 241
RGB Percent	58%, 78%, 95%
CMY	0.4185, 0.2224, 0.0537
CMYK	0.39, 0.18, 0.00, 0.05
HSL	208°, 77%, 76%
HSV	208°, 39%, 95%
XYZ	48.4475, 53.2120, 91.1721
YIQ	187.9520, -43.6030, 2.7730

Conversions

Conversions Part 2

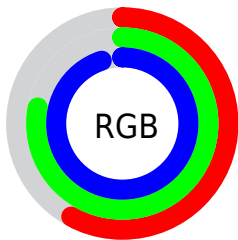
Format	Color
R_{YB}	148, 181, 241
Decimal	9750257
CIE _{Lab}	78.00, -5.77, -26.44
CIE _{LCh}	78, 27.061, 257.696
Yxy	53.2120, 0.2512, 0.2760
Android (android.graphics.Color)	4287940337 (0xFF94C6F1)
YUV	187.9520, 26.1527, -35.0379
Hunter-Lab	72.9466, -9.1056, -23.0409

Details

The CIELCh color **78, 27.061, 257.696** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 31.050, 66.684**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **58, 27.223, 258.279** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.618, 260.242**, and if you desaturate by 10%, it is **82, 20.283, 255.575**.

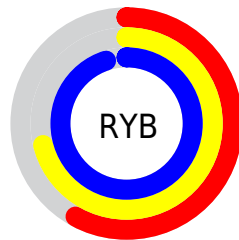
Distribution



Red (58%)

Green (78%)

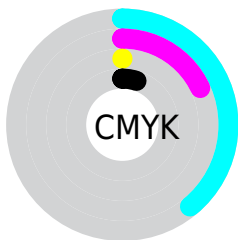
Blue (95%)



Red (58%)

Yellow (71%)

Blue (95%)

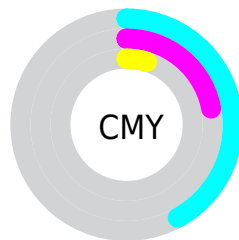


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 27.061, 257.696 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, 27.061, 257.696 by changing the saturation by 10% instead.

■ 78, 27.061,
257.696

■ 78, 27.061,
257.696

■ 100, 27.061,
257.696

■ 68, 27.061,
257.696

■ 98, 27.061,
257.696

■ 58, 27.061,
257.696

■ 48, 27.061,
257.696

■ 38, 27.061,
257.696

■ 28, 27.061,
257.696

■ 18, 27.061,
257.696

■ 8, 27.061, 257.696

0, 27.061, 257.696

78, 27.061,
257.696

78, 27.061,
257.696

74, 33.618,
260.242

82, 20.283,
255.575

70, 39.950,
263.281

87, 13.313,
253.818

66, 46.085,
266.856

91, 6.189, 252.383

62, 52.101,
270.964

96, 1.052, 70.638

99, 6.479, 106.795

58, 58.118,
275.525

100, 6.933,
109.648

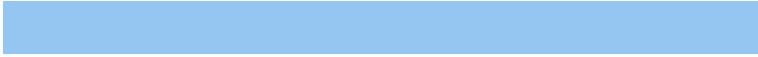
55, 64.288,
280.316

■ 54, 65.215,
280.985

Harmonies

Complementary

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



78, 27.061, 257.696



81, 31.050, 66.684

Rectangle

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



78, 27.061, 257.696



78, 27.061, 307.696



78, 27.061, 77.696



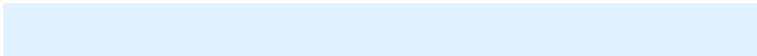
78, 27.061, 127.696

Sweetspot

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



78, 27.060, 257.694



94, 9.063, 252.847



89, 41.859, 157.350



50, 6.004, 253.032



0, 0.000, 0.000



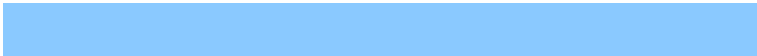
53, 0.007, 296.813

Same Dimension

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



78, 27.060, 257.694



79, 33.428, 259.586



66, 48.926, 293.434



48, 4.090, 252.502



42, 52.272, 280.104



11, 20.017, 272.074

Inverse Universe

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



72, 43.012, 345.330



72, 53.323, 346.281



92, 44.720, 104.175



47, 6.223, 342.407



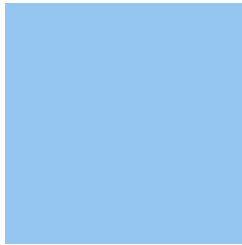
40, 66.763, 358.458



8, 29.834, 352.727

Previews

White Background



This preview shows how the CIELCh color 78, 27.061, 257.696 looks on a white background.

Color Contrast Check

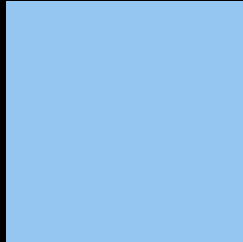
Large Text (above 18pt) WCAG AA × Fail

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, 27.061, 257.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

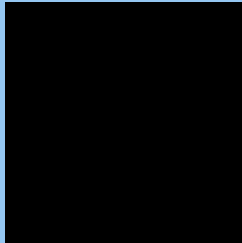
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

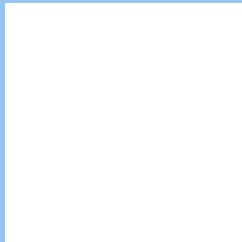
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 27.061, 257.696

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.061, 257.696.



This preview shows how white text looks on a background with the CIELCh color 78, 27.061, 257.696.

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, 20.941, 224.143

Trichromacy



Original Color
78, 27.061, 257.696

Protanomaly
78, 24.969, 275.144

Deuteranomaly
78, 27.392, 278.466

Tritanomaly
78, 22.252, 237.418

Monochromacy



Original Color
78, 27.061, 257.696

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.074, 252.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.061, 257.696 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(148, 198, 241)` looks like.

```
.text, #text, p{  
    color:rgb(148, 198, 241)  
}
```

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(148, 198, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 198, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.061, 257.696 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(148, 198, 241) }
```

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

```
.border{ border-color:rgb(148, 198, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 198, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 198, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 198, 241);  
box-shadow:4px 4px 4px 4px rgb(148, 198,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.061, 257.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 198, 241) }
```

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

```
.background{ background-color: rgb(148,  
198, 241) }
```

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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