

Converting Colors

CIELCh(78, 31.019, 256.723)

Have a look what the booklet for
CIELCh(78, 31.019, 256.723)
contains.

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Color

CIELCh(78, 31.032, 257.054)

Conversions

Conversions Part 1

Format	Color
Hex	8AC7F8
RGB	138, 199, 248
RGB Percent	54%, 78%, 97%
CMY	0.4576, 0.2184, 0.0262
CMYK	0.44, 0.20, 0.00, 0.03
HSL	207°, 89%, 76%
HSV	207°, 44%, 97%
XYZ	48.0174, 53.2120, 96.8034
YIQ	186.3470, -52.0850, 2.3070

Conversions

Conversions Part 2

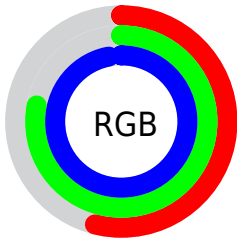
Format	Color
R_{YB}	138, 177, 248
Decimal	9095160
CIE _{Lab}	78.00, -6.95, -30.24
CIE _{LCh}	78, 31.032, 257.054
Yxy	53.2120, 0.2425, 0.2687
Android (android.graphics.Color)	4287285240 (0xFF8AC7F8)
YUV	186.3470, 30.3949, -42.4003
Hunter-Lab	72.9466, -10.1581, -27.6179

Details

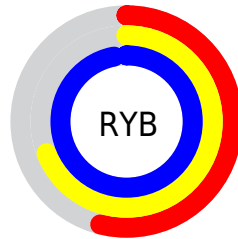
The CIELCh color `78, 31.032, 257.054` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `80, 36.989, 64.259`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 19.614, 198.212`, and `58, 30.906, 257.064` is the 20% darker color. If you saturate the color by 10%, you get `74, 37.393, 259.866`, and if you desaturate by 10%, it is `82, 24.398, 254.715`.

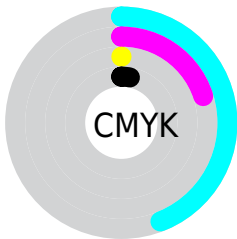
Distribution



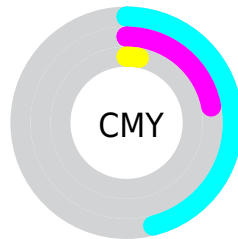
- Red (54%)
- Green (78%)
- Blue (97%)



- Red (54%)
- Yellow (69%)
- Blue (97%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)





- Cyan (46%)
- Magenta (22%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.032, 257.054 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, 31.032, 257.054 by changing the saturation by 10% instead.


 78, 31.032,
257.054


 78, 31.032,
257.054


 100, 31.032,
257.054


 68, 31.032,
257.054


 98, 31.032,
257.054

 58, 31.032,
257.054

 48, 31.032,
257.054

 38, 31.032,
257.054

 28, 31.032,
257.054

 18, 31.032,
257.054

 8, 31.032, 257.054

■ 0, 31.032, 257.054

■ 78, 31.032,
257.054

■ 78, 31.032,
257.054

■ 74, 37.393,
259.866

■ 82, 24.398,
254.715

■ 70, 43.492,
263.214

■ 87, 17.517,
252.781

■ 66, 49.382,
267.124

■ 91, 10.425,
251.190

■ 62, 55.171,
271.558

■ 96, 3.168, 249.957

■ 59, 61.010,
276.380

■ 100, 3.190,
107.530

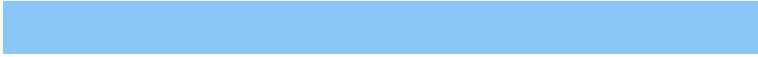
■ 57, 64.441,
279.141

■ 100, 3.378,
109.903

Harmonies

Complementary

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



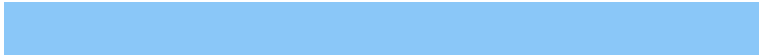
78, 31.032, 257.054



80, 36.989, 64.259

Rectangle

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



78, 31.032, 257.054



78, 31.032, 307.054



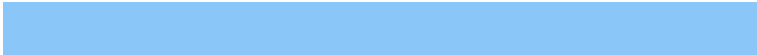
78, 31.032, 77.054



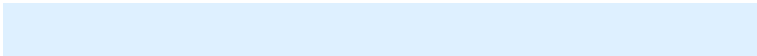
78, 31.032, 127.054

Sweetspot

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



78, 31.031, 257.053



94, 9.697, 251.009



90, 49.544, 155.832



49, 6.770, 251.324



0, 0.000, 0.000



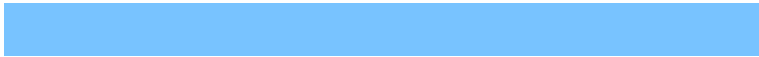
53, 0.007, 296.813

Same Dimension

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



78, 31.031, 257.053



76, 37.373, 259.494



64, 57.160, 293.887



50, 4.186, 250.540



44, 51.629, 278.261



12, 20.835, 270.942

Inverse Universe

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



71, 50.858, 345.091



68, 61.261, 346.266



94, 51.516, 102.769



49, 6.514, 341.548



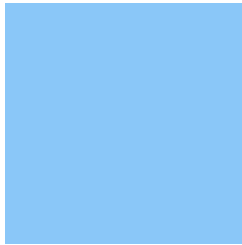
41, 68.465, 356.991



10, 31.674, 352.040

Previews

White Background



This preview shows how the CIELCh color 78, 31.032, 257.054 looks on a white background.

Color Contrast Check

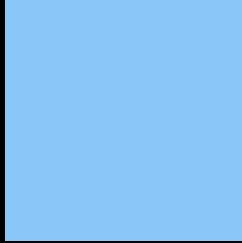
Large Text (above 18pt) WCAG AA × Fail

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, 31.032, 257.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

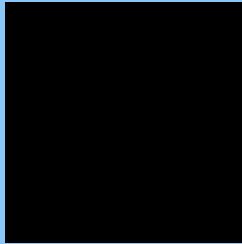
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

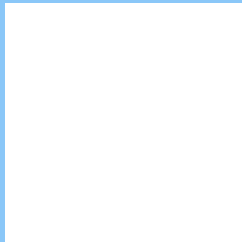
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 31.032, 257.054

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.032, 257.054.



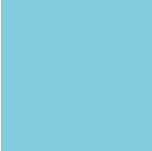
This preview shows how white text looks on a background with the CIELCh color 78, 31.032, 257.054.

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, 24.381, 220.022

Trichromacy



Original Color
78, 31.032, 257.054

Protanomaly
78, 28.464, 274.039

Deuteranomaly
78, 31.471, 276.409

Tritanomaly
78, 25.554, 235.965

Monochromacy



Original Color
78, 31.032, 257.054

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.110, 252.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.032, 257.054 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(138, 199, 248)` looks like.

```
.text, #text, p{  
    color:rgb(138, 199, 248)  
}
```

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(138, 199, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 199, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.032, 257.054 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(138, 199, 248) }
```

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

```
.border{ border-color:rgb(138, 199, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 199, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 199, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 199, 248);  
box-shadow:4px 4px 4px 4px rgb(138, 199,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.032, 257.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 199, 248) }
```

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

```
.background{ background-color: rgb(138,  
199, 248) }
```

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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