

Converting Colors

CIELCh(80, 31.648, 259.058)

Have a look what the booklet for
CIELCh(80, 31.648, 259.058)
contains.

CIELCh(80, 31.513, 258.984)	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(80, 31.513, 258.984)

Conversions

Conversions Part 1

Format	Color
Hex	91CCFF
RGB	145, 204, 255
RGB Percent	57%, 80%, 100%
CMY	0.4297, 0.1984, 0.0000
CMYK	0.43, 0.20, 0.00, 0.00
HSL	208°, 100%, 79%
HSV	208°, 43%, 100%
XYZ	51.5560, 56.6813, 103.1866
YIQ	192.1730, -51.5350, 3.3530

Conversions

Conversions Part 2

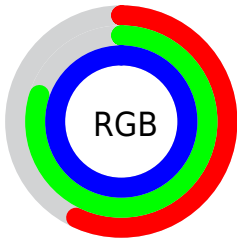
Format	Color
RYB	145, 183, 255
Decimal	9555199
CIELab	80.00, -6.02, -30.93
CIELCh	80, 31.513, 258.984
Yxy	56.6813, 0.2439, 0.2681
Android (android.graphics.Color)	4287745279 (0xFF91CCFF)
YUV	192.1730, 30.9737, -41.3707
Hunter-Lab	75.2870, -9.5167, -28.5606

Details

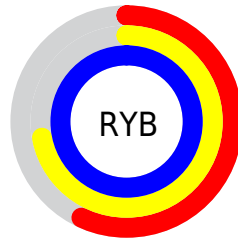
The CIELCh color **80, 31.513, 258.984** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 36.648, 66.075**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **60, 31.464, 258.856** is the 20% darker color. If you saturate the color by 10%, you get **76, 38.076, 261.482**, and if you desaturate by 10%, it is **85, 24.359, 256.398**.

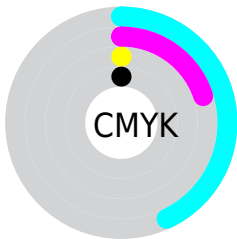
Distribution



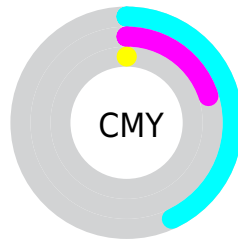
- Red (57%)
- Green (80%)
- Blue (100%)



- Red (57%)
- Yellow (72%)
- Blue (100%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (20%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 31.513, 258.984 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 80, 31.513, 258.984 by changing the saturation by 10% instead.


 80, 31.513,
258.984


 80, 31.513,
258.984


 100, 31.513,
258.984


 70, 31.513,
258.984


 60, 31.513,
258.984

 50, 31.513,
258.984

 40, 31.513,
258.984

 30, 31.513,
258.984

 20, 31.513,
258.984

 10, 31.513,

258.984

0, 31.513, 258.984

80, 31.513,
258.984

80, 31.513,
258.984

76, 38.076,
261.482

85, 24.359,
256.398

71, 44.585,
264.774

89, 17.163,
254.481

67, 50.917,
268.612

94, 9.785, 252.899

63, 57.175,
272.962

99, 2.266, 251.722

60, 63.504,
277.693

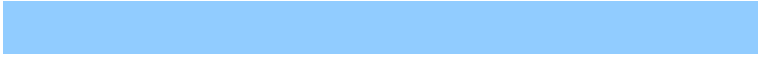
100, 0.012,
296.813

■ 57, 68.088,
281.055

Harmonies

Complementary

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



80, 31.513, 258.984



83, 36.648, 66.075

Rectangle

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



80, 31.513, 258.984



80, 31.513, 308.984



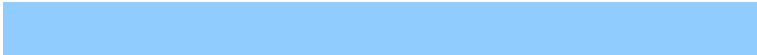
80, 31.513, 78.984



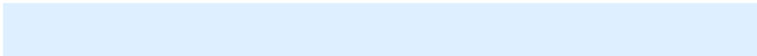
80, 31.513, 128.984

Sweetspot

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



80, 31.336, 258.710



94, 9.804, 252.903



92, 48.523, 156.781



49, 6.847, 253.225



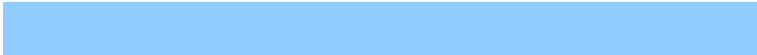
0, 0.000, 0.000



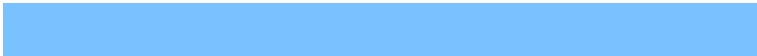
53, 0.007, 296.813

Same Dimension

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



80, 31.336, 258.710



76, 37.430, 261.190



66, 57.595, 294.304



51, 4.301, 252.425



43, 53.949, 280.168



13, 22.151, 273.326

Inverse Universe

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



74, 50.006, 345.846



69, 59.703, 347.076



97, 51.902, 103.719



50, 6.550, 342.375



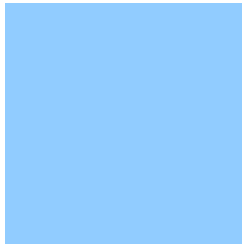
41, 68.812, 358.512



11, 32.282, 353.517

Previews

White Background



This preview shows how the CIE LCh color 80, 31.513, 258.984 looks on a white background.

Color Contrast Check

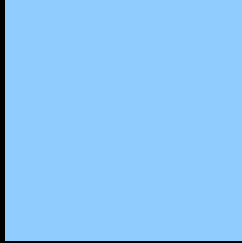
Large Text (above 18pt) WCAG AA × Fail

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 80, 31.513, 258.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

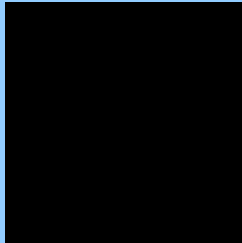
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

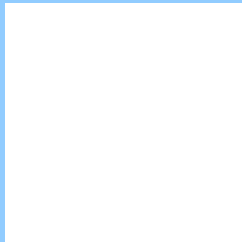
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 31.513, 258.984

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.513, 258.984.



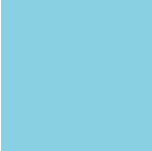
This preview shows how white text looks on a background with the CIELCh color 80, 31.513, 258.984.

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](#).

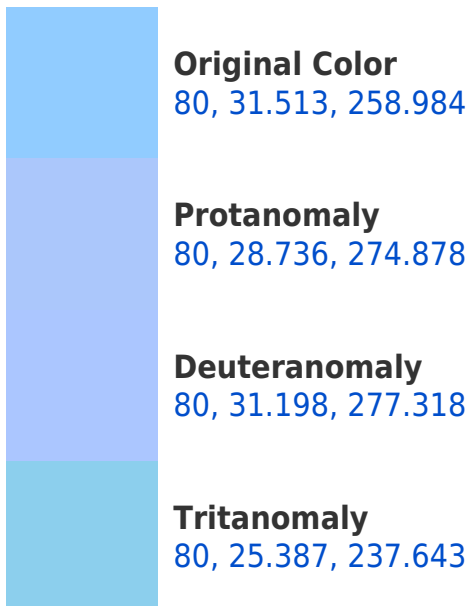
Dichromacy



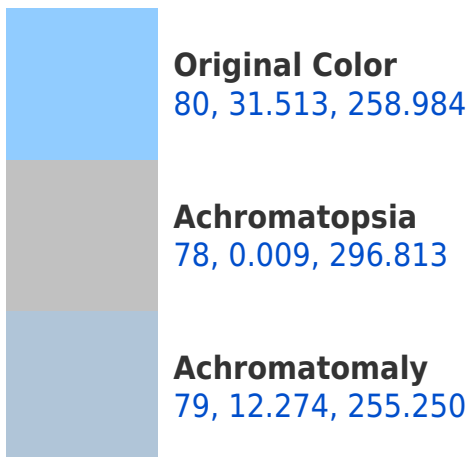


Tritanopia
80, 23.889, 220.441

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.513, 258.984 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(145, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 204, 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(145, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 204, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.513, 258.984 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(145, 204, 255) }
```

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

```
.border{ border-color:rgb(145, 204, 255) }
```

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

Here you see how a box with a 4 pixel rgb(145, 204, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 204,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.513, 258.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 204, 255) }
```

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

```
.background{ background-color: rgb(145,  
204, 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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