

Converting Colors

CIELCh(80, 32.398, 256.180)

Have a look what the booklet for
CIELCh(80, 32.398, 256.180)
contains.

CIELCh(80, 32.019, 255.544)	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, 32.019, 255.544)

Conversions

Conversions Part 1

Format	Color
Hex	8CCDFF
RGB	140, 205, 255
RGB Percent	55%, 80%, 100%
CMY	0.4529, 0.1942, 0.0000
CMYK	0.45, 0.19, 0.00, 0.00
HSL	206°, 100%, 77%
HSV	206°, 45%, 100%
XYZ	50.8118, 56.6813, 103.3016
YIQ	191.2650, -54.7900, 1.7700

Conversions

Conversions Part 2

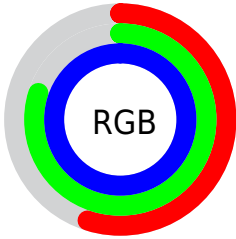
Format	Color
RYB	140, 182, 255
Decimal	9227775
CIELab	80.00, -7.99, -31.01
CIELCh	80, 32.019, 255.544
Yxy	56.6813, 0.2410, 0.2689
Android (android.graphics.Color)	4287417855 (0xFF8CCDFF)
YUV	191.2650, 31.4214, -44.9594
Hunter-Lab	75.2870, -11.2811, -28.6512

Details

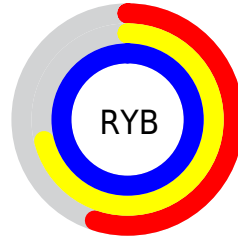
The CIELCh color **80, 32.019, 255.544** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82, 38.679, 62.396**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **60, 31.827, 255.662** is the 20% darker color. If you saturate the color by 10%, you get **76, 38.074, 258.035**, and if you desaturate by 10%, it is **84, 25.242, 252.835**.

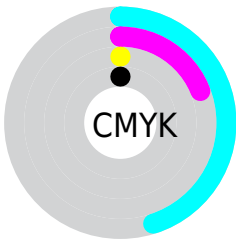
Distribution



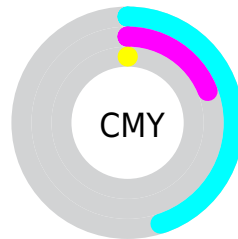
- Red (55%)
- Green (80%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 32.019, 255.544 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, 32.019, 255.544 by changing the saturation by 10% instead.

■ 80, 32.019,
255.544

■ 80, 32.019,
255.544

■ 100, 32.019,
255.544

■ 70, 32.019,
255.544

■ 60, 32.019,
255.544

■ 50, 32.019,
255.544

■ 40, 32.019,
255.544

■ 30, 32.019,
255.544

■ 20, 32.019,
255.544

■ 10, 32.019,

255.544

0, 32.019, 255.544

80, 32.019,
255.544

80, 32.019,
255.544

76, 38.074,
258.035

84, 25.242,
252.835

72, 44.020,
261.433

89, 18.374,
250.896

68, 49.711,
265.412

93, 11.257,
249.307

64, 55.265,
269.935

98, 3.942, 248.061

61, 60.848,
274.857

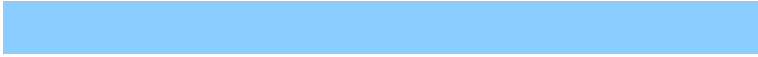
100, 0.012,
296.813

■ 60, 63.557,
277.176

Harmonies

Complementary

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



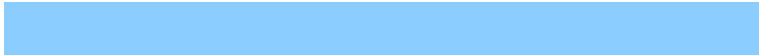
80, 32.019, 255.544



82, 38.679, 62.396

Rectangle

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



80, 32.019, 255.544



80, 32.019, 305.544



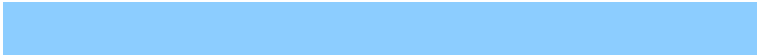
80, 32.019, 75.544



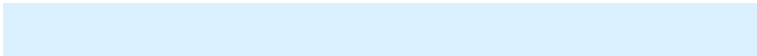
80, 32.019, 125.544

Sweetspot

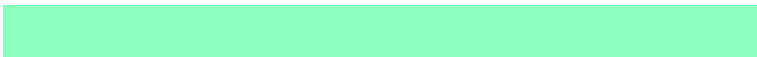
The Sweet Spot groups the original color and five complimentary colors.



80, 31.817, 255.190



94, 10.323, 249.125



92, 52.393, 154.930



49, 7.108, 249.432



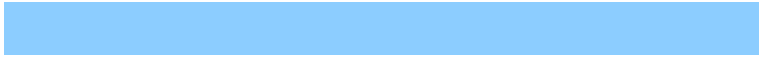
0, 0.000, 0.000



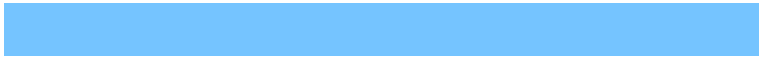
53, 0.007, 296.813

Same Dimension

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



80, 31.817, 255.190



76, 37.284, 257.638



65, 58.696, 293.412



51, 4.214, 248.534



45, 50.414, 276.254



14, 20.896, 269.201

Inverse Universe

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



72, 53.591, 344.283



68, 62.862, 345.425



95, 52.963, 101.806



50, 6.701, 340.706



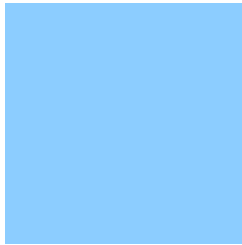
42, 69.547, 355.504



11, 32.717, 351.032

Previews

White Background



This preview shows how the CIE LCh color 80, 32.019, 255.544 looks on a white background.

Color Contrast Check

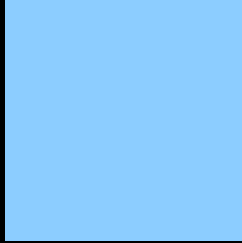
Large Text (above 18pt) WCAG AA × Fail

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, 32.019, 255.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

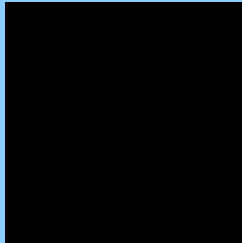
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

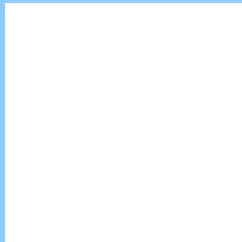
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 32.019, 255.544

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.019, 255.544.



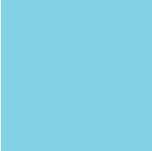
This preview shows how white text looks on a background with the CIELCh color 80, 32.019, 255.544.

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](#).

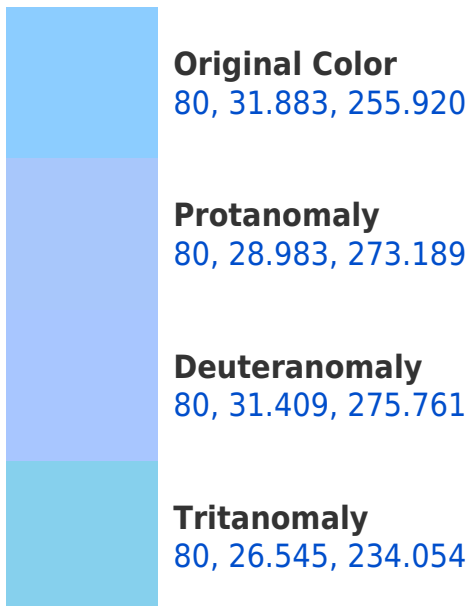
Dichromacy



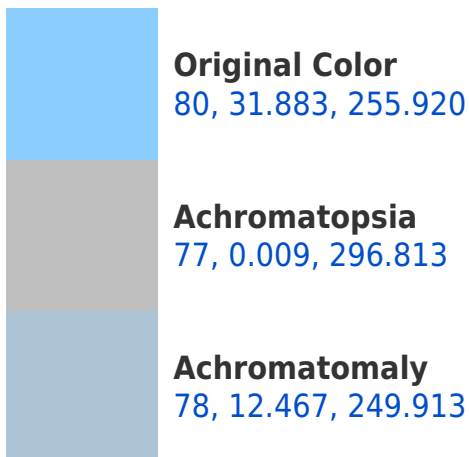


Tritanopia
80, 25.566, 218.780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.019, 255.544 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(140, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 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(140, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.019, 255.544 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(140, 205, 255) }
```

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

```
.border{ border-color:rgb(140, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 205,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.019, 255.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 255) }
```

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

```
.background{ background-color: rgb(140,  
205, 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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