

Converting Colors

CIELCh(80, 33.209, 246.891)

Have a look what the booklet for
CIELCh(80, 33.209, 246.891)
contains.

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Color

CIELCh(80, 33.454, 247.242)

Conversions

Conversions Part 1

Format	Color
Hex	7CD0FF
RGB	124, 208, 255
RGB Percent	49%, 82%, 100%
CMY	0.5133, 0.1839, 0.0000
CMYK	0.51, 0.18, 0.00, 0.00
HSL	201°, 100%, 74%
HSV	201°, 51%, 100%
XYZ	48.9756, 56.6813, 103.0562
YIQ	188.2420, -65.1510, -3.1910

Conversions

Conversions Part 2

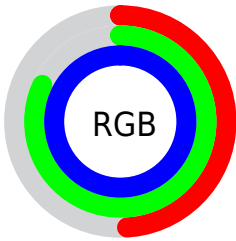
Format	Color
RYB	124, 175, 255
Decimal	8179967
CIELab	80.00, -12.94, -30.85
CIElCh	80, 33.454, 247.242
Yxy	56.6813, 0.2347, 0.2716
Android (android.graphics.Color)	4286370047 (0xFF7CD0FF)
YUV	188.2420, 32.9117, -56.3402
Hunter-Lab	75.2870, -15.6346, -28.4579

Details

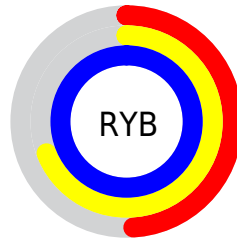
The CIELCh color **80, 33.454, 247.242** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 44.869, 54.706**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **60, 33.376, 246.666** is the 20% darker color. If you saturate the color by 10%, you get **76, 38.594, 250.119**, and if you desaturate by 10%, it is **84, 27.738, 244.751**.

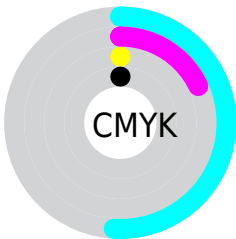
Distribution



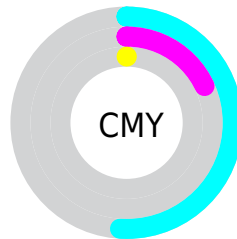
- Red (49%)
- Green (82%)
- Blue (100%)



- Red (49%)
- Yellow (69%)
- Blue (100%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 33.454, 247.242 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, 33.454, 247.242 by changing the saturation by 10% instead.


 80, 33.454,
247.242


 80, 33.454,
247.242


 100, 33.454,
247.242


 70, 33.454,
247.242


 60, 33.454,
247.242

 50, 33.454,
247.242

 40, 33.454,
247.242

 30, 33.454,
247.242

 20, 33.454,
247.242

 10, 33.454,

247.242

0, 33.454, 247.242

80, 33.454,
247.242

80, 33.454,
247.242

76, 38.594,
250.119

84, 27.738,
244.751

73, 43.278,
253.702

87, 21.590,
242.806

70, 47.547,
257.943

91, 15.033,
241.244

67, 51.555,
262.792

95, 8.138, 240.006

65, 55.016,
267.283

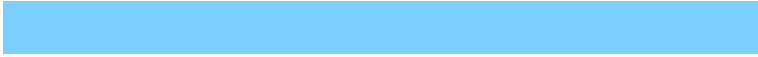
99, 0.974, 239.491

100, 0.012,
296.813

Harmonies

Complementary

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



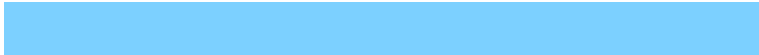
80, 33.454, 247.242



77, 44.869, 54.706

Rectangle

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



80, 33.454, 247.242



80, 33.454, 297.242



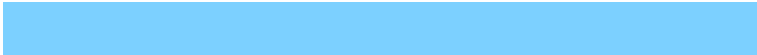
80, 33.454, 67.242



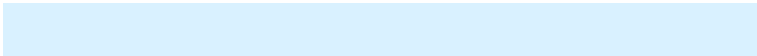
80, 33.454, 117.242

Sweetspot

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



80, 33.418, 247.160



94, 10.705, 240.425



91, 62.115, 151.257



49, 7.275, 240.684



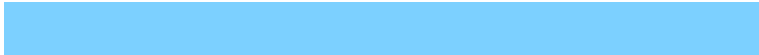
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 33.418, 247.160



76, 38.924, 250.339



63, 62.105, 291.762



51, 4.098, 239.816



49, 43.784, 266.308



15, 18.626, 259.038

Inverse Universe

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



70, 62.704, 341.243



65, 73.308, 342.549



93, 56.264, 97.385



50, 7.042, 337.402



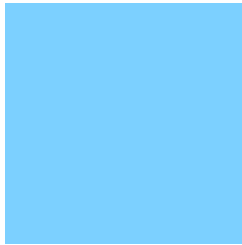
42, 71.810, 349.474



11, 33.865, 346.080

Previews

White Background



This preview shows how the CIELCh color 80, 33.454, 247.242 looks on a white background.

Color Contrast Check

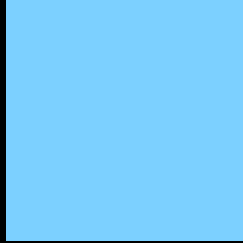
Large Text (above 18pt) WCAG AA × Fail

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, 33.454, 247.242 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

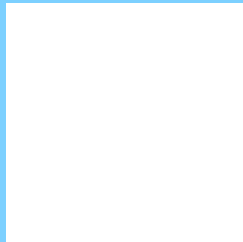
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 33.454, 247.242

Background



This preview shows how black text looks on a background with the CIELCh color 80, 33.454, 247.242.



This preview shows how white text looks on a background with the CIELCh color 80, 33.454, 247.242.

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](#).

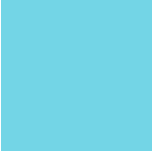
Dichromacy



Original Color
80, 33.454, 247.242

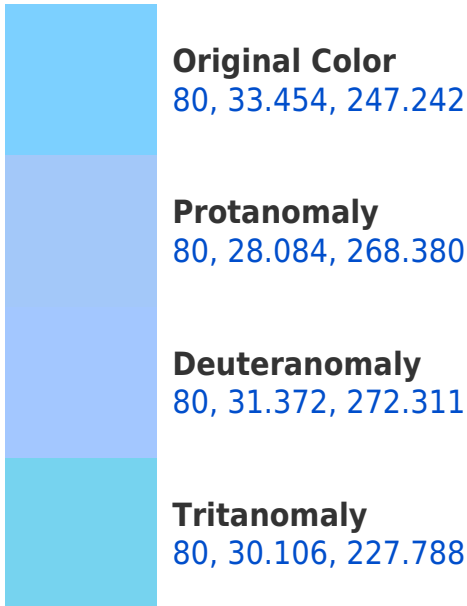
Protanopia
80, 27.317, 285.792

Deuteranopia
80, 32.594, 288.032

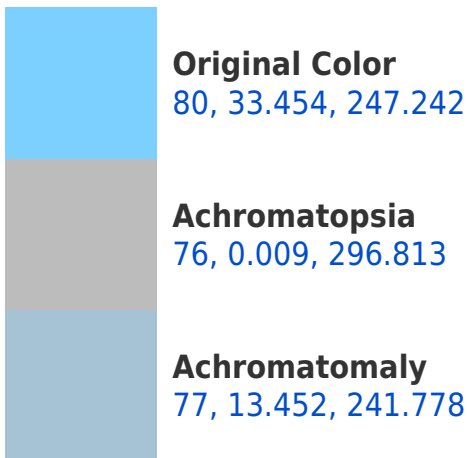


Tritanopia
80, 29.825, 215.388

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 33.454, 247.242 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(124, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 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(124, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 33.454, 247.242 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(124, 208, 255) }
```

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

```
.border{ border-color:rgb(124, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 208,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 33.454, 247.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 255) }
```

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

```
.background{ background-color: rgb(124,  
208, 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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