

Converting Colors

CIELCh(80, 34.936, 229.158)

Have a look what the booklet for
CIELCh(80, 34.936, 229.158)
contains.

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Color

CIELCh(80, 34.936, 229.158)

Conversions

Conversions Part 1

Format	Color
Hex	62D5F7
RGB	98, 213, 247
RGB Percent	38%, 84%, 97%
CMY	0.6172, 0.1661, 0.0328
CMYK	0.60, 0.14, 0.00, 0.03
HSL	194°, 90%, 67%
HSV	194°, 60%, 97%
XYZ	45.4337, 56.6813, 96.2528
YIQ	182.4910, -79.4540, -13.8060

Conversions

Conversions Part 2

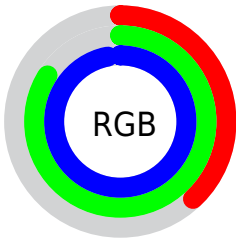
Format	Color
RYB	98, 163, 247
Decimal	6477303
CIELab	80.00, -22.85, -26.43
CIELCh	80, 34.936, 229.158
Yxy	56.6813, 0.2290, 0.2857
Android (android.graphics.Color)	4284667383 (0xFF62D5F7)
YUV	182.4910, 31.8029, -74.0986
Hunter-Lab	75.2870, -24.0322, -23.1001

Details

The CIELCh color **80, 34.936, 229.158** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **67, 55.852, 42.788**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **60, 34.999, 229.765** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.253, 231.586**, and if you desaturate by 10%, it is **82, 30.791, 227.259**.

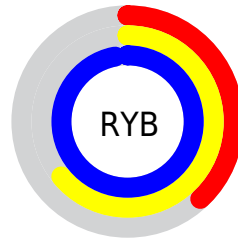
Distribution



Red (38%)

Green (84%)

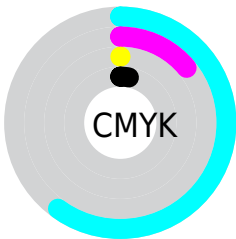
Blue (97%)



Red (38%)

Yellow (64%)

Blue (97%)

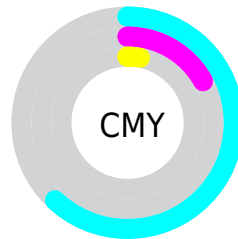


Cyan (60%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (62%)


Magenta (17%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 34.936, 229.158 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, 34.936, 229.158 by changing the saturation by 10% instead.


 80, 34.936,
229.158


 80, 34.936,
229.158


 100, 34.936,
229.158


 70, 34.936,
229.158


 60, 34.936,
229.158

 50, 34.936,
229.158

 40, 34.936,
229.158

 30, 34.936,
229.158

 20, 34.936,
229.158

 10, 34.936,

229.158

0, 34.936, 229.158

80, 34.936,
229.158

80, 34.936,
229.158

78, 38.253,
231.586

82, 30.791,
227.259

76, 40.758,
234.636

85, 25.870,
225.800

74, 42.545,
238.368

88, 20.258,
224.696

72, 43.817,
242.502

91, 14.059,
223.880

94, 7.377, 223.311

97, 0.312, 224.795

99, 2.910, 88.785

100, 4.226,
109.844

Harmonies

Complementary

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



80, 34.936, 229.158



67, 55.852, 42.788

Rectangle

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



80, 34.936, 229.158



80, 34.936, 279.158



80, 34.936, 49.158



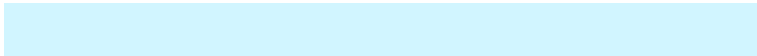
80, 34.936, 99.158

Sweetspot

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



80, 34.935, 229.157



94, 12.817, 223.722



87, 77.580, 145.108



49, 8.830, 223.916



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, 34.935, 229.157



80, 40.005, 232.345



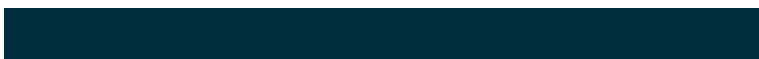
60, 60.486, 286.783



50, 4.006, 223.271



55, 35.349, 241.653



17, 15.406, 235.132

Inverse Universe

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



64, 76.023, 335.898



62, 88.717, 337.044



84, 57.721, 86.947



48, 7.472, 332.108



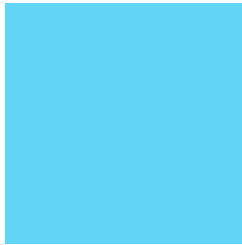
42, 76.526, 339.922



10, 34.784, 338.035

Previews

White Background



This preview shows how the CIE LCh color 80, 34.936, 229.158 looks on a white background.

Color Contrast Check

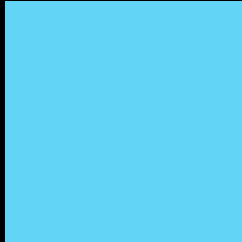
Large Text (above 18pt) WCAG AA × Fail

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, 34.936, 229.158 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, 34.936, 229.158

Background



This preview shows how black text looks on a background with the CIELCh color 80, 34.936, 229.158.

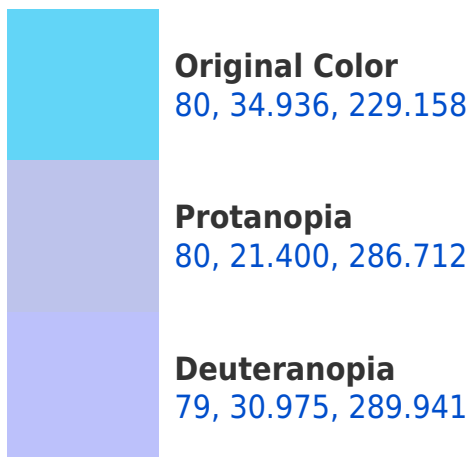



This preview shows how white text looks on a background with the CIELCh color 80, 34.936, 229.158.

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](#).

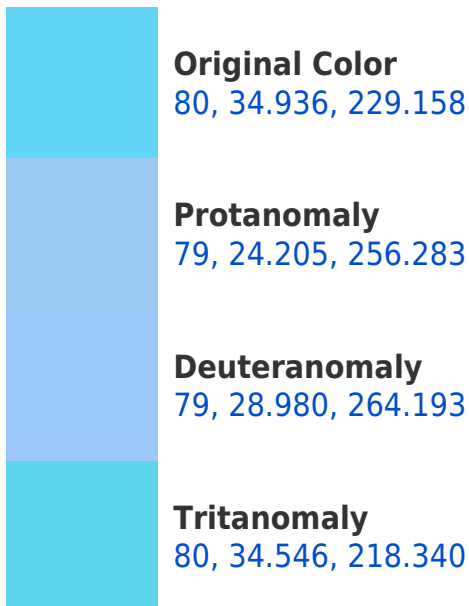
Dichromacy





Tritanopia
80, 34.782, 212.462

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 34.936, 229.158 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(98, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(98, 213, 247)  
}
```

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(98, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 213, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 34.936, 229.158 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(98, 213, 247) }
```

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

```
.border{ border-color:rgb(98, 213, 247) }
```

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

Here you see how a box with a 4 pixel rgb(98, 213, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(98, 213,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 34.936, 229.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 213, 247) }
```

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

```
.background{ background-color: rgb(98, 213,  
247) }
```

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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