

Converting Colors

CIELCh(82, 34.460, 224.292)

Have a look what the booklet for
CIELCh(82, 34.460, 224.292)
contains.

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Color

CIELCh(82, 34.460, 224.292)

Conversions

Conversions Part 1

Format	Color
Hex	67DBF8
RGB	103, 219, 248
RGB Percent	40%, 86%, 97%
CMY	0.5962, 0.1413, 0.0276
CMYK	0.58, 0.12, 0.00, 0.03
HSL	192°, 91%, 69%
HSV	192°, 58%, 97%
XYZ	47.8466, 60.2982, 97.8906
YIQ	187.6220, -78.4450, -15.5730

Conversions

Conversions Part 2

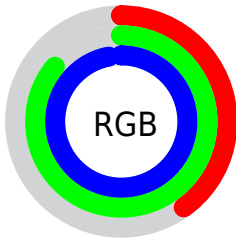
Format	Color
RYB	103, 167, 248
Decimal	6806520
CIELab	82.00, -24.67, -24.06
CIElCh	82, 34.460, 224.292
Yxy	60.2982, 0.2322, 0.2927
Android (android.graphics.Color)	4284996600 (0xFF67DBF8)
YUV	187.6220, 29.7664, -74.2135
Hunter-Lab	77.6519, -25.9048, -20.3866

Details

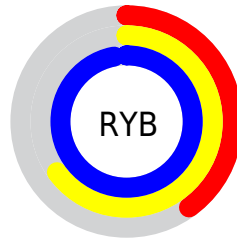
The CIELCh color **82, 34.460, 224.292** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **68, 54.746, 40.428**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.089, 197.686**, and **62, 34.499, 224.515** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.827, 226.279**, and if you desaturate by 10%, it is **84, 30.211, 222.765**.

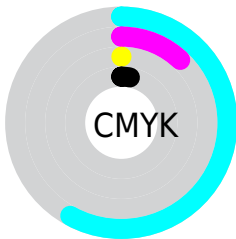
Distribution



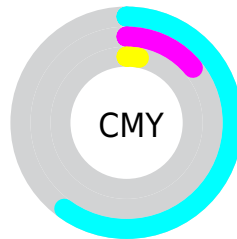
- Red (40%)
- Green (86%)
- Blue (97%)



- Red (40%)
- Yellow (65%)
- Blue (97%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)





- Cyan (60%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 34.460, 224.292 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 82, 34.460, 224.292 by changing the saturation by 10% instead.


 82, 34.460,
224.292


 82, 34.460,
224.292


 100, 34.460,
224.292

 72, 34.460,
224.292

 62, 34.460,
224.292

 52, 34.460,
224.292

 42, 34.460,
224.292

 32, 34.460,
224.292

 22, 34.460,
224.292

 12, 34.460,

224.292

■ 2, 34.460, 224.292

■ 0, 34.460, 224.292

■ 82, 34.460,
224.292

■ 82, 34.460,
224.292

■ 80, 37.827,
226.279

■ 84, 30.211,
222.765

■ 78, 40.301,
228.816

■ 87, 25.150,
221.617

■ 76, 41.948,
231.976

■ 89, 19.374,
220.775

■ 75, 42.955,
235.762

■ 92, 12.997,
220.182

■ 74, 43.095,

■ 95, 6.130, 219.816

236.360

98, 1.124, 38.871

99, 2.922, 100.730

100, 3.559,
109.890

Harmonies

Complementary

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



82, 34.460, 224.292



68, 54.746, 40.428

Rectangle

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



82, 34.460, 224.292



82, 34.460, 274.292



82, 34.460, 44.292



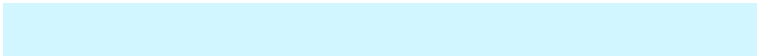
82, 34.460, 94.292

Sweetspot

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



82, 34.459, 224.291



95, 12.970, 220.161



88, 77.589, 144.324



50, 8.932, 220.308



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 34.459, 224.291



82, 39.110, 226.652



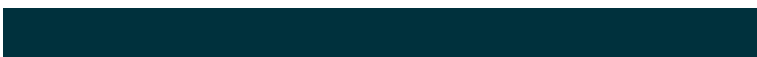
63, 55.915, 283.991



51, 4.126, 219.841



58, 35.041, 235.626



18, 15.723, 230.109

Inverse Universe

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



66, 75.803, 334.530



63, 88.172, 335.453



84, 54.982, 84.562



49, 7.753, 331.095



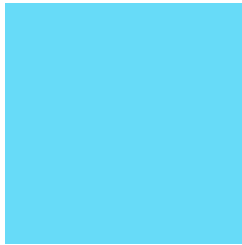
43, 78.899, 338.173



11, 36.379, 336.675

Previews

White Background



This preview shows how the CIE LCh color 82, 34.460, 224.292 looks on a white background.

Color Contrast Check

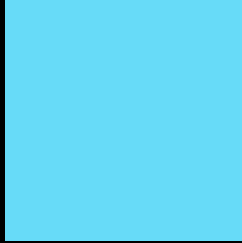
Large Text (above 18pt) WCAG AA × Fail

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 82, 34.460, 224.292 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 82, 34.460, 224.292

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.460, 224.292.

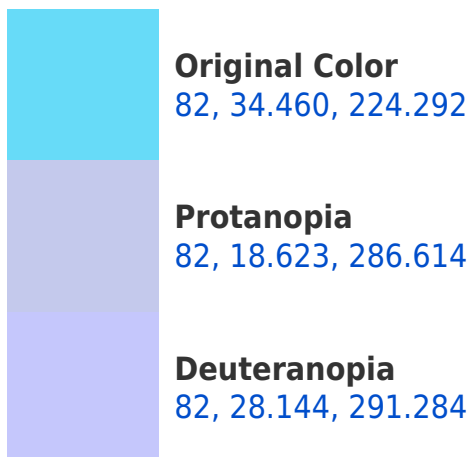


This preview shows how white text looks on a background with the CIELCh color 82, 34.460, 224.292.

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
82, 34.600, 212.509

Trichromacy



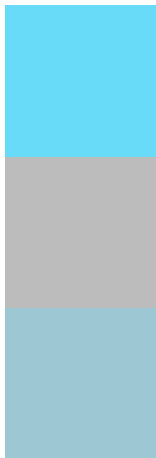
Original Color
82, 34.460, 224.292

Protanomaly
81, 21.930, 249.890

Deuteranomaly
81, 26.834, 262.515

Tritanomaly
82, 34.460, 217.348

Monochromacy



Original Color
82, 34.460, 224.292

Achromatopsia
76, 0.009, 296.813

Achromatomaly
78, 15.140, 221.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.460, 224.292 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(103, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(103, 219, 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(103, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 219, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.460, 224.292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

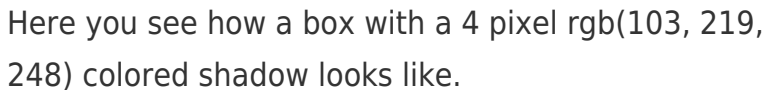
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 219, 248) }
```

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

```
.border{ border-color:rgb(103, 219, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 219, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 219, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 219, 248); box-shadow:4px 4px 4px 4px rgb(103, 219, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.460, 224.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 219, 248) }
```

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

```
.background{ background-color: rgb(103,  
219, 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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