

Converting Colors

CIELCh(82, 34.552, 221.038)

Have a look what the booklet for
CIELCh(82, 34.552, 221.038)
contains.

CIELCh(82, 34.532, 220.217)	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(82, 34.532, 220.217)

Conversions

Conversions Part 1

Format	Color
Hex	65DCF5
RGB	101, 220, 245
RGB Percent	40%, 86%, 96%
CMY	0.6056, 0.1387, 0.0407
CMYK	0.59, 0.10, 0.00, 0.04
HSL	190°, 87%, 68%
HSV	190°, 59%, 96%
XYZ	47.2348, 60.2982, 95.2266
YIQ	187.2690, -78.9490, -17.4530

Conversions

Conversions Part 2

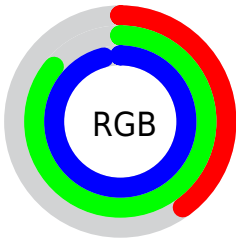
Format	Color
RYB	101, 166, 245
Decimal	6675701
CIELab	82.00, -26.37, -22.30
CIELCh	82, 34.532, 220.217
Yxy	60.2982, 0.2330, 0.2974
Android (android.graphics.Color)	4284865781 (0xFF65DCF5)
YUV	187.2690, 28.4614, -75.6579
Hunter-Lab	77.6519, -27.3113, -18.3525

Details

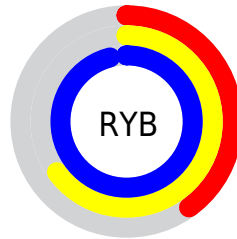
The CIELCh color **82, 34.532, 220.217** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 55.461, 38.422**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.614, 197.654**, and **62, 34.558, 220.171** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.756, 221.892**, and if you desaturate by 10%, it is **84, 30.389, 218.948**.

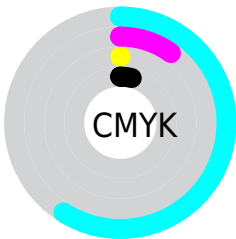
Distribution



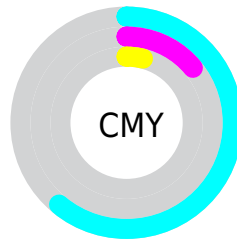
- Red (40%)
- Green (86%)
- Blue (96%)



- Red (40%)
- Yellow (65%)
- Blue (96%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)





- Cyan (61%)
- Magenta (14%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 34.532, 220.217 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, 34.532, 220.217 by changing the saturation by 10% instead.


 82, 34.532,
220.217


 82, 34.532,
220.217


 100, 34.532,
220.217


 72, 34.532,
220.217

 62, 34.532,
220.217

 52, 34.532,
220.217

 42, 34.532,
220.217

 32, 34.532,
220.217

 22, 34.532,
220.217

 12, 34.532,

220.217

■ 2, 34.532, 220.217

■ 0, 34.532, 220.217

■ 82, 34.532,
220.217

■ 82, 34.532,
220.217

■ 80, 37.756,
221.892

■ 84, 30.389,
218.948

■ 78, 40.044,
224.055

■ 86, 25.401,
218.017

■ 77, 41.453,
226.776

■ 89, 19.669,
217.358

■ 76, 42.171,
230.059

■ 91, 13.312,
216.921

■ 75, 42.240,

■ 94, 6.444, 216.688

230.439

97, 0.826, 35.663

98, 3.108, 69.687

99, 4.560, 103.469

100, 5.255,
109.771

Harmonies

Complementary

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



82, 34.532, 220.217



66, 55.461, 38.422

Rectangle

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



82, 34.532, 220.217



82, 34.532, 270.217



82, 34.532, 40.217



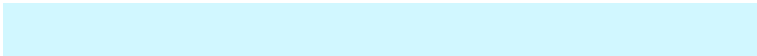
82, 34.532, 90.217

Sweetspot

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



82, 34.531, 220.216



95, 13.158, 216.893



87, 78.134, 143.762



50, 9.059, 216.995



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, 34.531, 220.216



83, 39.584, 222.338



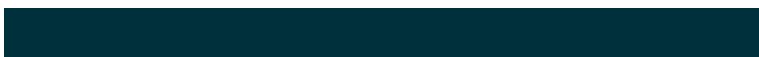
62, 54.389, 282.913



50, 4.118, 216.695



59, 34.394, 229.792



18, 15.296, 224.801

Inverse Universe

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



65, 76.743, 333.470



63, 90.534, 334.350



82, 54.209, 83.128



48, 7.767, 330.174



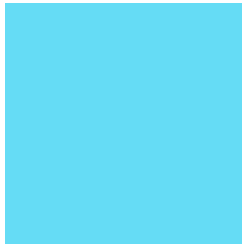
42, 79.684, 336.591



10, 36.055, 335.299

Previews

White Background



This preview shows how the CIE LCh color 82, 34.532, 220.217 looks on a white background.

Color Contrast Check

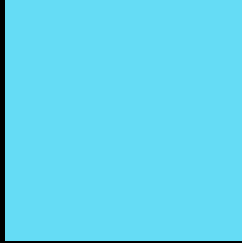
Large Text (above 18pt) WCAG AA × Fail

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, 34.532, 220.217 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, 34.532, 220.217

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.532, 220.217.




This preview shows how white text looks on a background with the CIELCh color 82, 34.532, 220.217.

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](#).

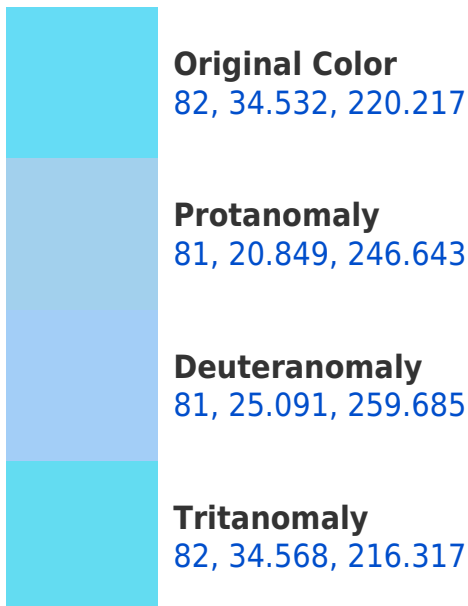
Dichromacy



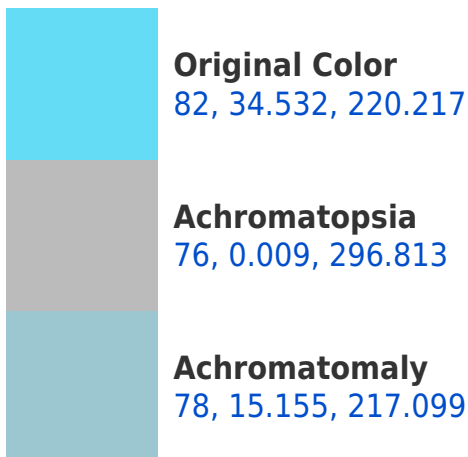


Tritanopia
82, 34.803, 213.338

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.532, 220.217 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(101, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(101, 220, 245)  
}
```

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(101, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 220, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.532, 220.217 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(101, 220, 245) }
```

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

```
.border{ border-color:rgb(101, 220, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 220, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(101, 220,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.532, 220.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 220, 245) }
```

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

```
.background{ background-color: rgb(101,  
220, 245) }
```

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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