

Converting Colors

CIELCh(81, 34.549, 218.230)

Have a look what the booklet for
CIELCh(81, 34.549, 218.230)
contains.

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Color

CIELCh(81, 34.459, 218.358)

Conversions

Conversions Part 1

Format	Color
Hex	61D9F0
RGB	97, 217, 240
RGB Percent	38%, 85%, 94%
CMY	0.6195, 0.1489, 0.0587
CMYK	0.60, 0.10, 0.00, 0.06
HSL	190°, 83%, 66%
HSV	190°, 60%, 94%
XYZ	45.4814, 58.4711, 91.3425
YIQ	183.7420, -78.9030, -18.2870

Conversions

Conversions Part 2

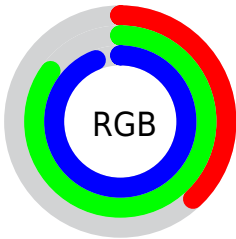
Format	Color
R _Y B	97, 162, 240
Decimal	6412784
CIE Lab	81.00, -27.02, -21.38
CIE LCh	81, 34.459, 218.358
Yxy	58.4711, 0.2329, 0.2994
Android (android.graphics.Color)	4284602864 (0xFF61D9F0)
YUV	183.7420, 27.7352, -76.0727
Hunter-Lab	76.4664, -27.6464, -17.2980

Details

The CIELCh color **81, 34.459, 218.358** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 55.810, 37.552**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **61, 34.488, 218.191** is the 20% darker color. If you saturate the color by 10%, you get **79, 37.555, 219.899**, and if you desaturate by 10%, it is **83, 30.436, 217.200**.

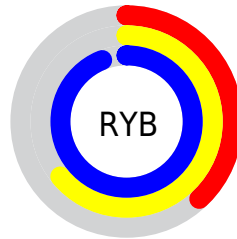
Distribution



Red (38%)

Green (85%)

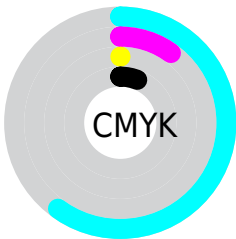
Blue (94%)



Red (38%)

Yellow (64%)

Blue (94%)

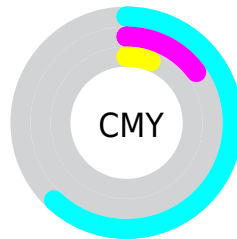


Cyan (60%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (62%)


Magenta (15%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 34.459, 218.358 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 81, 34.459, 218.358 by changing the saturation by 10% instead.


 81, 34.459,
218.358


 81, 34.459,
218.358


 100, 34.459,
218.358


 71, 34.459,
218.358

 61, 34.459,
218.358

 51, 34.459,
218.358

 41, 34.459,
218.358

 31, 34.459,
218.358

 21, 34.459,
218.358

 11, 34.459,

218.358

■ 1, 34.459, 218.358

■ 0, 34.459, 218.358

■ 81, 34.459,
218.358

■ 81, 34.459,
218.358

■ 79, 37.555,
219.899

■ 83, 30.436,
217.200

■ 78, 39.709,
221.898

■ 85, 25.560,
216.359

■ 76, 40.979,
224.419

■ 87, 19.931,
215.777

■ 75, 41.567,
227.454

■ 90, 13.666,
215.406

■ 75, 41.588,

■ 92, 6.882, 215.225

227.587

95, 0.312, 33.008

97, 4.401, 47.248

98, 4.722, 77.406

99, 6.057, 98.726

Harmonies

Complementary

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



81, 34.459, 218.358



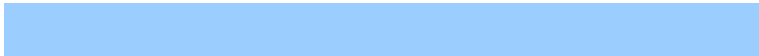
64, 55.810, 37.552

Rectangle

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



81, 34.459, 218.358



81, 34.459, 268.358



81, 34.459, 38.358



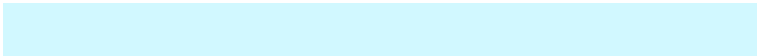
81, 34.459, 88.358

Sweetspot

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



81, 34.458, 218.357



95, 13.262, 215.366



85, 78.644, 143.176



50, 9.130, 215.446



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 34.458, 218.357



83, 39.757, 220.196



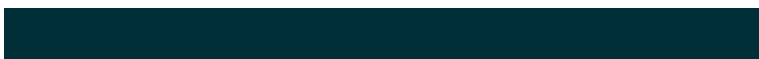
61, 52.921, 281.867



49, 4.081, 215.225



59, 34.019, 226.993



17, 14.909, 222.178

Inverse Universe

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



63, 76.936, 333.008



63, 91.311, 333.802



80, 53.498, 81.623



47, 7.703, 329.745



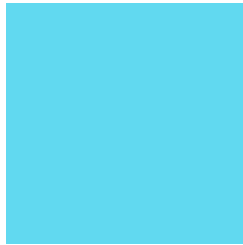
42, 79.645, 335.861



9, 35.370, 334.637

Previews

White Background



This preview shows how the CIE LCh color 81, 34.459, 218.358 looks on a white background.

Color Contrast Check

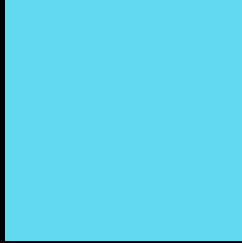
Large Text (above 18pt) WCAG AA × Fail

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 81, 34.459, 218.358 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 81, 34.459, 218.358

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.459, 218.358.



This preview shows how white text looks on a background with the CIELCh color 81, 34.459, 218.358.

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



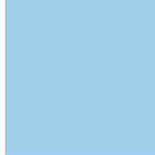


Tritanopia
81, 34.697, 212.483

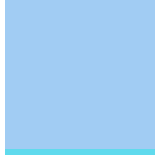
Trichromacy



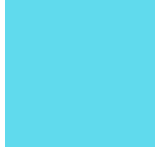
Original Color
81, 34.459, 218.358



Protanomaly
80, 20.197, 244.364



Deuteranomaly
80, 24.272, 258.184

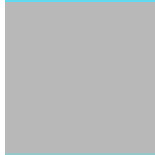


Tritanomaly
81, 34.589, 214.422

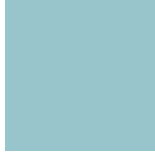
Monochromacy



Original Color
81, 34.459, 218.358



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 15.368, 214.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.459, 218.358 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(97, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(97, 217, 240)  
}
```

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(97, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 217, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.459, 218.358 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(97, 217, 240) }
```

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

```
.border{ border-color:rgb(97, 217, 240) }
```

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

Here you see how a box with a 4 pixel rgb(97, 217, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(97, 217,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.459, 218.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 217, 240) }
```

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

```
.background{ background-color: rgb(97, 217,  
240) }
```

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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