

Converting Colors

CIELCh(81, 22.203, 281.663)

Have a look what the booklet for
CIELCh(81, 22.203, 281.663)
contains.

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Color

CIELCh(81, 22.046, 281.768)

Conversions

Conversions Part 1

Format	Color
Hex	BCC8F1
RGB	188, 200, 241
RGB Percent	74%, 78%, 95%
CMY	0.2620, 0.2149, 0.0541
CMYK	0.22, 0.17, 0.00, 0.05
HSL	226°, 66%, 84%
HSV	226°, 22%, 95%
XYZ	57.3873, 58.4711, 91.6308
YIQ	201.0860, -20.3130, 10.2070

Conversions

Conversions Part 2

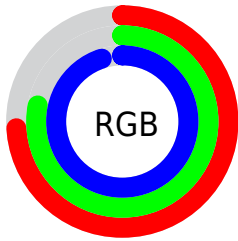
Format	Color
R _Y B	188, 198, 241
Decimal	12372209
CIE Lab	81.00, 4.50, -21.58
CIE LCh	81, 22.046, 281.768
Yxy	58.4711, 0.2766, 0.2818
Android (android.graphics.Color)	4290562289 (0xFFBCC8F1)
YUV	201.0860, 19.6776, -11.4764
Hunter-Lab	76.4664, 0.1464, -17.5216

Details

The CIELCh color `81, 22.046, 281.768` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 21.616, 96.149`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.457, 199.378`, and `61, 22.214, 282.078` is the 20% darker color. If you saturate the color by 10%, you get `75, 32.534, 283.502`, and if you desaturate by 10%, it is `87, 11.854, 280.287`.

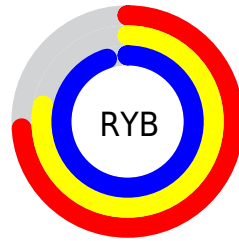
Distribution



Red (74%)

Green (78%)

Blue (95%)



Red (74%)

Yellow (78%)

Blue (95%)

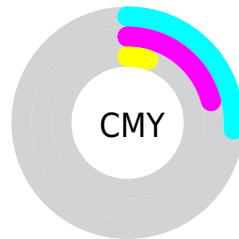


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (21%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 22.046, 281.768 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, 22.046, 281.768 by changing the saturation by 10% instead.

■ 81, 22.046,
281.768

■ 81, 22.046,
281.768

■ 100, 22.046,
281.768

■ 71, 22.046,
281.768

■ 61, 22.046,
281.768

■ 51, 22.046,
281.768

■ 41, 22.046,
281.768

■ 31, 22.046,
281.768

■ 21, 22.046,
281.768

■ 11, 22.046,

281.768

■ 1, 22.046, 281.768

■ 0, 22.046, 281.768

■ 81, 22.046,
281.768

■ 81, 22.046,
281.768

■ 75, 32.534,
283.502

■ 87, 11.854,
280.287

■ 68, 43.351,
285.533

■ 94, 1.939, 279.101

■ 62, 54.533,
287.889

■ 100, 6.988,
109.644

■ 56, 66.102,
290.576

■ 50, 78.029,

293.551

■ 44, 90.128,
296.691

■ 39, 101.905,
299.777

■ 36, 110.546,
301.986

Harmonies

Complementary

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



81, 22.046, 281.768



91, 21.616, 96.149

Rectangle

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



81, 22.046, 281.768



81, 22.046, 331.768



81, 22.046, 101.768



81, 22.046, 151.768

Sweetspot

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



81, 22.044, 281.766



95, 7.205, 279.645



91, 19.284, 178.690



50, 4.684, 279.720



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, 22.044, 281.766



82, 27.441, 282.445



79, 28.857, 302.067



47, 5.578, 279.955



27, 88.703, 301.508



5, 31.831, 294.125

Inverse Universe

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



81, 20.865, 3.554



83, 26.053, 4.095



93, 27.593, 119.193



47, 5.211, 2.097



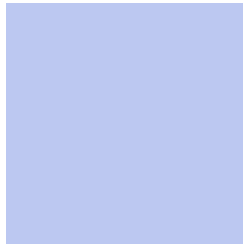
38, 71.377, 27.376



8, 28.929, 14.321

Previews

White Background



This preview shows how the CIELCh color 81, 22.046, 281.768 looks on a white background.

Color Contrast Check

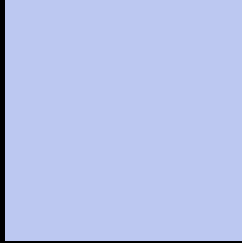
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 22.046, 281.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

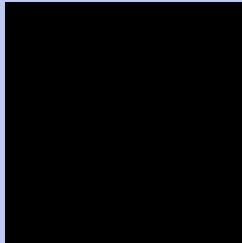
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 22.046, 281.768

Background



This preview shows how black text looks on a background with the CIELCh color 81, 22.046, 281.768.



This preview shows how white text looks on a background with the CIELCh color 81, 22.046, 281.768.

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

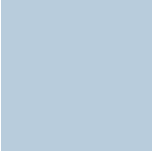
81, 22.046, 281.768

Protanopia

81, 21.873, 285.997

Deuteranopia

81, 24.565, 295.422



Tritanopia
81, 10.784, 251.343

Trichromacy



Original Color
81, 22.046, 281.768

Protanomaly
81, 21.903, 285.144

Deuteranomaly
81, 23.404, 290.596

Tritanomaly
81, 14.323, 267.664

Monochromacy



Original Color
81, 22.046, 281.768

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.132, 278.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 22.046, 281.768 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(188, 200, 241)` looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 241)  
}
```

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(188, 200, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 22.046, 281.768 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(188, 200, 241) }
```

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

```
.border{ border-color:rgb(188, 200, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 200, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 241);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 22.046, 281.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 241) }
```

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

```
.background{ background-color: rgb(188,  
200, 241) }
```

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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