

Converting Colors

CIELCh(80, 23.310, 264.762)

Have a look what the booklet for
CIELCh(80, 23.310, 264.762)
contains.

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Color

CIELCh(80, 23.402, 265.317)

Conversions

Conversions Part 1

Format	Color
Hex	A8C9F1
RGB	168, 201, 241
RGB Percent	66%, 79%, 95%
CMY	0.3397, 0.2103, 0.0534
CMYK	0.30, 0.17, 0.00, 0.05
HSL	213°, 73%, 80%
HSV	213°, 30%, 95%
XYZ	53.1311, 56.6813, 91.6558
YIQ	195.6930, -32.5080, 5.4440

Conversions

Conversions Part 2

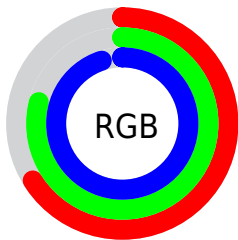
Format	Color
R _Y B	168, 191, 241
Decimal	11061745
CIE Lab	80.00, -1.91, -23.32
CIE LCh	80, 23.402, 265.317
Yxy	56.6813, 0.2637, 0.2813
Android (android.graphics.Color)	4289251825 (0xFFA8C9F1)
YUV	195.6930, 22.3364, -24.2868
Hunter-Lab	75.2870, -5.7823, -19.4799

Details

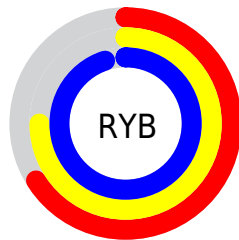
The CIELCh color `80, 23.402, 265.317` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `85, 24.834, 76.490`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 10.500, 198.806`, and `60, 23.521, 265.642` is the 20% darker color. If you saturate the color by 10%, you get `75, 31.065, 267.542`, and if you desaturate by 10%, it is `85, 15.692, 263.437`.

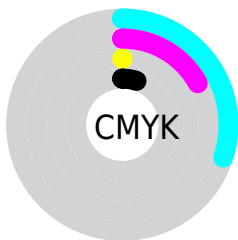
Distribution



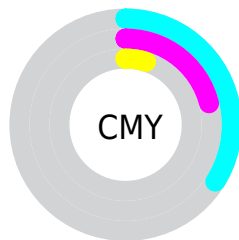
- Red (66%)
- Green (79%)
- Blue (95%)



- Red (66%)
- Yellow (75%)
- Blue (95%)



- Cyan (30%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (34%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 23.402, 265.317 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, 23.402, 265.317 by changing the saturation by 10% instead.

■ 80, 23.402,
265.317

■ 80, 23.402,
265.317

■ 100, 23.402,
265.317

■ 70, 23.402,
265.317

■ 60, 23.402,
265.317

■ 50, 23.402,
265.317

■ 40, 23.402,
265.317

■ 30, 23.402,
265.317

■ 20, 23.402,
265.317

■ 10, 23.402,

265.317

0, 23.402, 265.317

80, 23.402,
265.317

80, 23.402,
265.317

75, 31.065,
267.542

85, 15.692,
263.437

70, 38.683,
270.173

90, 7.953, 261.865

65, 46.277,
273.252

95, 0.202, 262.347

99, 6.534, 107.421

61, 53.897,
276.794

100, 6.894,
109.651

56, 61.620,
280.757

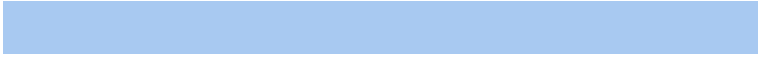
■ 52, 69.531,
285.016

■ 49, 77.476,
289.188

Harmonies

Complementary

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



80, 23.402, 265.317



85, 24.834, 76.490

Rectangle

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



80, 23.402, 265.317



80, 23.402, 315.317



80, 23.402, 85.317



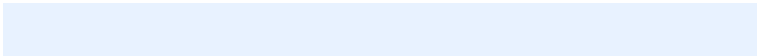
80, 23.402, 135.317

Sweetspot

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



80, 23.401, 265.315



95, 7.303, 261.694



90, 31.002, 162.594



50, 5.074, 261.899



0, 0.000, 0.000



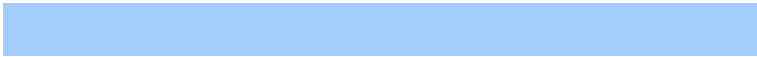
53, 0.007, 296.813

Same Dimension

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



80, 23.401, 265.315



81, 29.080, 266.574



72, 39.878, 295.028



48, 4.385, 261.756



37, 61.976, 288.409



9, 23.263, 281.145

Inverse Universe

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



77, 32.139, 349.324



77, 40.055, 350.064



94, 37.027, 108.705



47, 5.878, 347.105



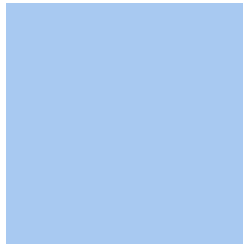
39, 65.963, 6.592



8, 29.073, 359.335

Previews

White Background



This preview shows how the CIELCh color 80, 23.402, 265.317 looks on a white background.

Color Contrast Check

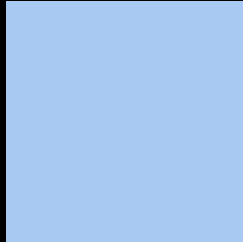
Large Text (above 18pt) WCAG AA × Fail

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, 23.402, 265.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

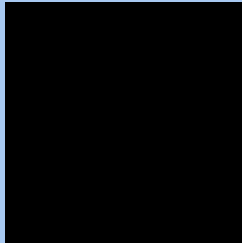
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

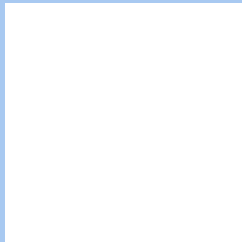
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 23.402, 265.317

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.402, 265.317.



This preview shows how white text looks on a background with the CIELCh color 80, 23.402, 265.317.

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](#).

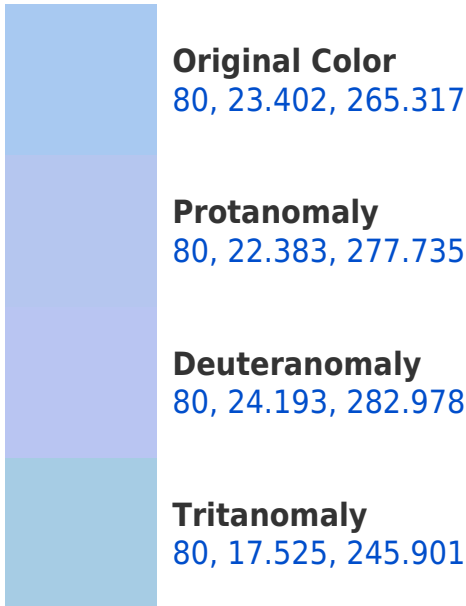
Dichromacy



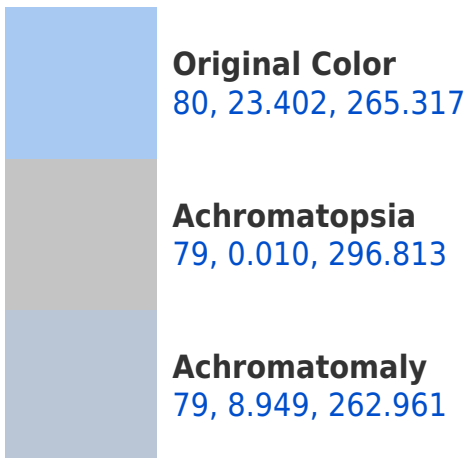


Tritanopia
80, 15.823, 231.369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.402, 265.317 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(168, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 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(168, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.402, 265.317 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(168, 201, 241) }
```

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

```
.border{ border-color:rgb(168, 201, 241) }
```

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

Here you see how a box with a 4 pixel rgb(168, 201, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.402, 265.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 241) }
```

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

```
.background{ background-color: rgb(168,  
201, 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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