

Converting Colors

CIELCh(82, 9.569, 242.553)

Have a look what the booklet for
CIELCh(82, 9.569, 242.553) contains.

CIELCh(82, 9.521, 241.105)	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, 9.521, 241.105)

Conversions

Conversions Part 1

Format	Color
Hex	BACFDB
RGB	186, 207, 219
RGB Percent	73%, 81%, 86%
CMY	0.2699, 0.1875, 0.1405
CMYK	0.15, 0.05, 0.00, 0.14
HSL	202°, 32%, 79%
HSV	202°, 15%, 86%
XYZ	55.4594, 60.2982, 75.8587
YIQ	202.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

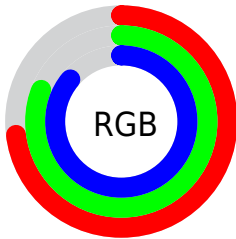
Format	Color
R _Y B	186, 199, 219
Decimal	12242907
CIE Lab	82.00, -4.60, -8.34
CIE LCh	82, 9.521, 241.105
Yxy	60.2982, 0.2894, 0.3147
Android (android.graphics.Color)	4290432987 (0xFFBACFDB)
YUV	202.0890, 8.3371, -14.1101
Hunter-Lab	77.6519, -8.4053, -3.5645

Details

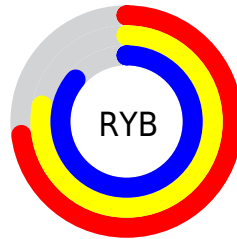
The CIELCh color $82, 9.521, 241.105$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 10.227, 58.047$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.482, 199.269$, and $62, 9.353, 240.396$ is the 20% darker color. If you saturate the color by 10%, you get $78, 15.536, 242.453$, and if you desaturate by 10%, it is $86, 3.253, 240.076$.

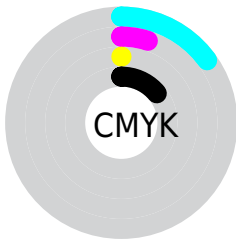
Distribution



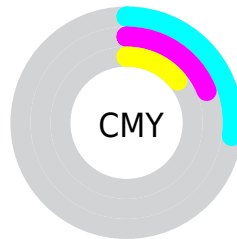
- Red (73%)
- Green (81%)
- Blue (86%)



- Red (73%)
- Yellow (78%)
- Blue (86%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.521, 241.105 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, 9.521, 241.105 by changing the saturation by 10% instead.



82, 9.521, 241.105

82, 9.521, 241.105

78, 15.536,
242.453

86, 3.253, 240.076

75, 21.241,
244.147

89, 3.210, 58.853

72, 26.577,
246.245

93, 9.820, 58.211

68, 31.499,
248.828

97, 14.455, 97.350

65, 35.990,
251.978

99, 18.109,
108.803

62, 40.078,
255.756

99, 18.111,
108.808

60, 43.852,
260.169

57, 47.466,
265.132

■ 56, 49.287,
267.627

Harmonies

Complementary

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



82, 9.521, 241.105



81, 10.227, 58.047

Rectangle

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



82, 9.521, 241.105



82, 9.521, 291.105



82, 9.521, 61.105



82, 9.521, 111.105

Sweetspot

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



82, 9.521, 241.094



98, 3.637, 240.075



85, 16.514, 155.255



52, 2.478, 240.128



0, 0.000, 0.000



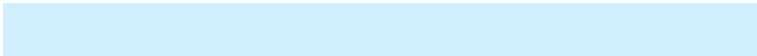
53, 0.007, 296.813

Same Dimension

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



82, 9.521, 241.094



93, 12.795, 241.482



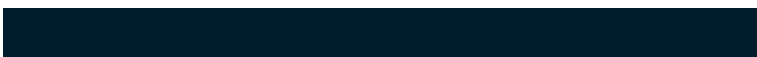
78, 15.100, 285.072



44, 3.626, 240.467



45, 40.924, 266.737



10, 14.720, 256.043

Inverse Universe

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



79, 16.505, 338.072



88, 22.353, 338.322



85, 14.770, 101.590



43, 6.197, 337.625



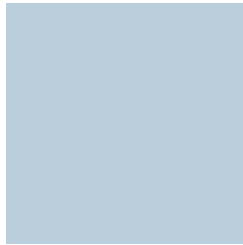
38, 66.673, 349.696



6, 26.910, 345.070

Previews

White Background



This preview shows how the CIELCh color 82, 9.521, 241.105 looks on a white background.

Color Contrast Check

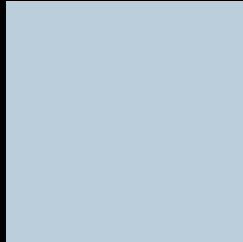
Large Text (above 18pt) WCAG AA × Fail

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, 9.521, 241.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

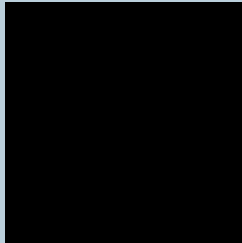
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

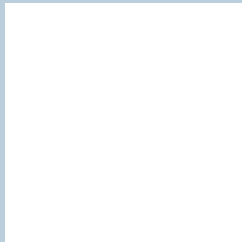
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.521, 241.105

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.521, 241.105.

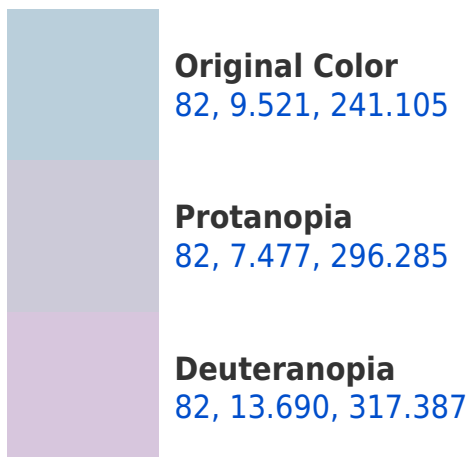


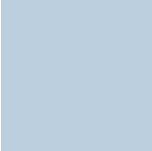
This preview shows how white text looks on a background with the CIELCh color 82, 9.521, 241.105.

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](#).

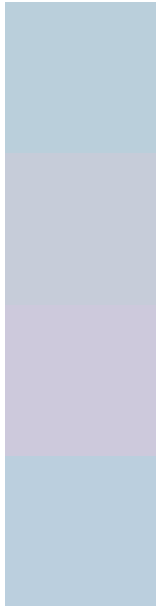
Dichromacy





Tritanopia
82, 10.759, 251.313

Trichromacy



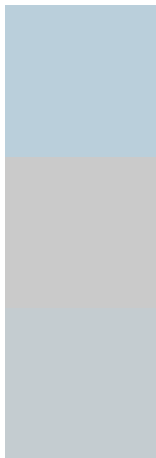
Original Color
82, 9.521, 241.105

Protanomaly
82, 7.171, 273.663

Deuteranomaly
82, 10.210, 298.998

Tritanomaly
82, 10.367, 249.345

Monochromacy



Original Color
82, 9.521, 241.105

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 3.535, 236.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.521, 241.105 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(186, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 219)  
}
```

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(186, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.521, 241.105 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(186, 207, 219) }
```

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

```
.border{ border-color:rgb(186, 207, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 207, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.521, 241.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 219) }
```

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

```
.background{ background-color: rgb(186,  
207, 219) }
```

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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