

Converting Colors

CIELCh(82, 12.904, 254.561)

Have a look what the booklet for
CIELCh(82, 12.904, 254.561)
contains.

CIELCh(82, 12.965, 254.185)	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, 12.965, 254.185)

Conversions

Conversions Part 1

Format	Color
Hex	B8CFE3
RGB	184, 207, 227
RGB Percent	72%, 81%, 89%
CMY	0.2788, 0.1886, 0.1102
CMYK	0.19, 0.09, 0.00, 0.11
HSL	208°, 43%, 81%
HSV	208°, 19%, 89%
XYZ	55.8854, 60.2982, 81.2957
YIQ	202.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

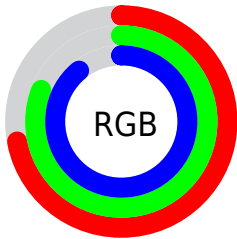
Format	Color
RYB	184, 199, 227
Decimal	12111843
CIELab	82.00, -3.53, -12.47
CIELCh	82, 12.965, 254.185
Yxy	60.2982, 0.2830, 0.3053
Android (android.graphics.Color)	4290301923 (0xFFB8CFE3)
YUV	202.4030, 12.1263, -16.1394
Hunter-Lab	77.6519, -7.4259, -7.7158

Details

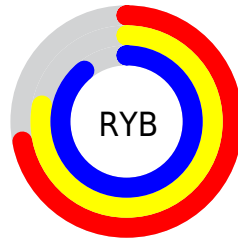
The CIELCh color **82, 12.965, 254.185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 13.779, 69.280**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **62, 13.137, 253.523** is the 20% darker color. If you saturate the color by 10%, you get **78, 19.608, 255.943**, and if you desaturate by 10%, it is **86, 6.176, 252.731**.

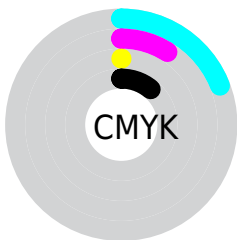
Distribution



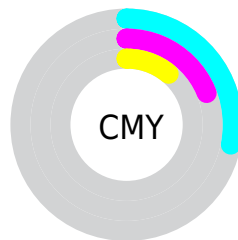
- Red (72%)
- Green (81%)
- Blue (89%)



- Red (72%)
- Yellow (78%)
- Blue (89%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 12.965, 254.185 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, 12.965, 254.185 by changing the saturation by 10% instead.

■ 82, 12.965,
254.185

■ 82, 12.965,
254.185

■ 100, 12.965,
254.185

■ 72, 12.965,
254.185

■ 62, 12.965,
254.185

■ 52, 12.965,
254.185

■ 42, 12.965,
254.185

■ 32, 12.965,
254.185

■ 22, 12.965,
254.185

■ 12, 12.965,

254.185

■ 2, 12.965, 254.185

■ 0, 12.965, 254.185

■ 82, 12.965,
254.185

■ 82, 12.965,
254.185

■ 78, 19.608,
255.943

■ 86, 6.176, 252.731

■ 74, 26.072,
258.070

■ 91, 0.721, 70.813

■ 95, 7.693, 70.309

■ 69, 32.334,
260.623

■ 98, 11.477, 98.544

■ 65, 38.387,
263.664

■ 99, 14.217,
109.103

■ 62, 44.262,

267.236

■ 58, 50.031,
271.334

■ 55, 55.810,
275.874

■ 51, 61.742,
280.620

■ 51, 62.385,
281.096

Harmonies

Complementary

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



82, 12.965, 254.185



83, 13.779, 69.280

Rectangle

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



82, 12.965, 254.185



82, 12.965, 304.185



82, 12.965, 74.185



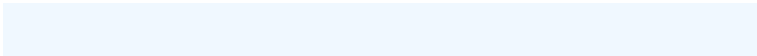
82, 12.965, 124.185

Sweetspot

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



82, 12.964, 254.178



97, 4.563, 252.380



87, 19.822, 159.465



51, 3.025, 252.455



0, 0.000, 0.000



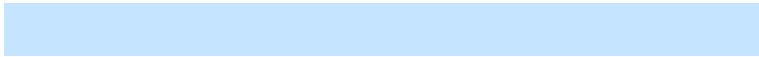
53, 0.007, 296.813

Same Dimension

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



82, 12.964, 254.178



89, 17.229, 254.879



77, 21.983, 290.306



45, 3.882, 252.794



40, 50.770, 280.236



9, 17.888, 270.659

Inverse Universe

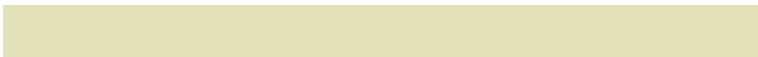
The Inverse Universe completely reimagines the original color for something new.



79, 19.996, 343.402



85, 26.759, 343.806



89, 21.136, 106.186



44, 5.883, 342.537



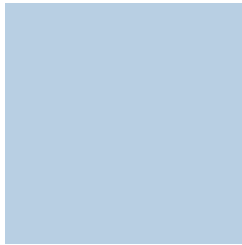
38, 64.667, 358.568



6, 26.816, 352.138

Previews

White Background



This preview shows how the CIELCh color 82, 12.965, 254.185 looks on a white background.

Color Contrast Check

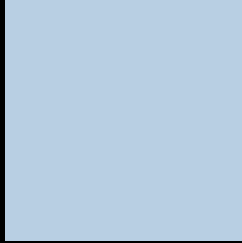
Large Text (above 18pt) WCAG AA × Fail

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, 12.965, 254.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

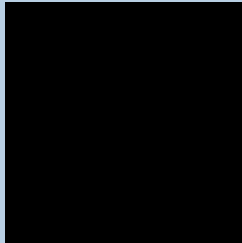
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

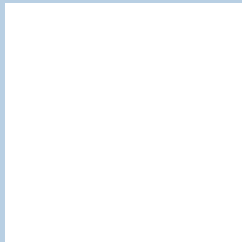
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 12.965, 254.185

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.965, 254.185.



This preview shows how white text looks on a background with the CIELCh color 82, 12.965, 254.185.

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
82, 12.965, 254.185

Protanopia
82, 11.674, 289.495

Deuteranopia
82, 17.246, 308.009



Tritanopia
82, 11.985, 248.001

Trichromacy



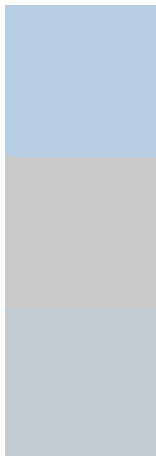
Original Color
82, 12.965, 254.185

Protanomaly
82, 11.490, 275.487

Deuteranomaly
82, 14.347, 292.810

Tritanomaly
82, 12.364, 249.774

Monochromacy



Original Color
82, 12.965, 254.185

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 4.855, 249.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.965, 254.185 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(184, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 227)  
}
```

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(184, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.965, 254.185 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(184, 207, 227) }
```

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

```
.border{ border-color:rgb(184, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.965, 254.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 227) }
```

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

```
.background{ background-color: rgb(184,  
207, 227) }
```

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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