

Converting Colors

CIELCh(83, 9.128, 215.780)

Have a look what the booklet for
CIELCh(83, 9.128, 215.780) contains.

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Color

CIELCh(83, 9.024, 215.963)

Conversions

Conversions Part 1

Format	Color
Hex	BAD3D8
RGB	186, 211, 216
RGB Percent	73%, 83%, 85%
CMY	0.2696, 0.1715, 0.1519
CMYK	0.14, 0.02, 0.00, 0.15
HSL	190°, 28%, 79%
HSV	190°, 14%, 85%
XYZ	56.1017, 62.1629, 74.1869
YIQ	204.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

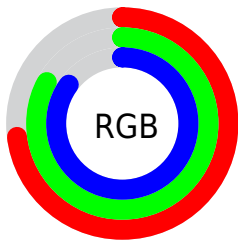
Format	Color
RYB	186, 200, 216
Decimal	12243928
CIELab	83.00, -7.30, -5.30
CIElCh	83, 9.024, 215.963
Yxy	62.1629, 0.2915, 0.3230
Android (android.graphics.Color)	4290434008 (0xFFBAD3D8)
YUV	204.0950, 5.8692, -15.8693
Hunter-Lab	78.8435, -10.9630, -0.5979

Details

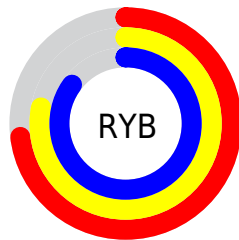
The CIELCh color $83, 9.024, 215.963$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 9.880, 35.605$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.482, 199.269$, and $63, 8.751, 217.473$ is the 20% darker color. If you saturate the color by 10%, you get $81, 15.051, 216.244$, and if you desaturate by 10%, it is $85, 2.586, 215.935$.

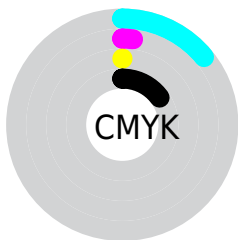
Distribution



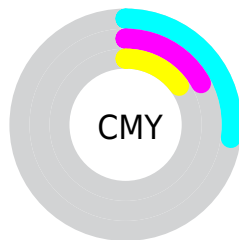
- Red (73%)
- Green (83%)
- Blue (85%)



- Red (73%)
- Yellow (78%)
- Blue (85%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 9.024, 215.963 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 83, 9.024, 215.963 by changing the saturation by 10% instead.

■ 83, 9.024, 215.963

■ 83, 9.024, 215.963

■ 100, 9.024,
215.963

■ 73, 9.024, 215.963

■ 63, 9.024, 215.963

■ 53, 9.024, 215.963

■ 43, 9.024, 215.963

■ 33, 9.024, 215.963

■ 23, 9.024, 215.963

■ 13, 9.024, 215.963

■ 3, 9.024, 215.963

■ 0, 9.024, 215.963

83, 9.024, 215.963

83, 9.024, 215.963

81, 15.051,
216.244

85, 2.586, 215.935

78, 20.564,
216.733

88, 4.172, 35.502

76, 25.457,
217.454

91, 11.172, 35.606

75, 29.629,
218.460

92, 11.924, 43.949

73, 32.998,
219.817

93, 11.668, 54.770

71, 35.516,
221.596

94, 11.843, 65.644

70, 37.195,
223.869

95, 12.428, 75.817

69, 38.119,
226.693

95, 13.366, 84.790

96, 14.587, 92.394

■ 68, 38.454,
228.636

Harmonies

Complementary

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



83, 9.024, 215.963



79, 9.880, 35.605

Rectangle

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



83, 9.024, 215.963



83, 9.024, 265.963



83, 9.024, 35.963



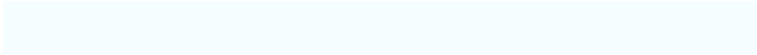
83, 9.024, 85.963

Sweetspot

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



83, 9.024, 215.951



99, 3.051, 215.928



84, 17.433, 147.955



53, 2.164, 215.903



0, 0.000, 0.000



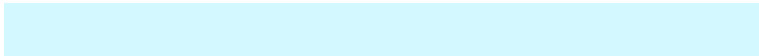
53, 0.007, 296.813

Same Dimension

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



83, 9.024, 215.951



95, 12.518, 216.027



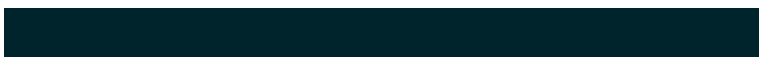
79, 10.950, 271.686



44, 3.708, 215.886



54, 32.252, 228.051



12, 12.711, 221.533

Inverse Universe

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



79, 17.274, 330.214



89, 24.228, 330.423



83, 11.005, 87.998



42, 6.994, 329.930



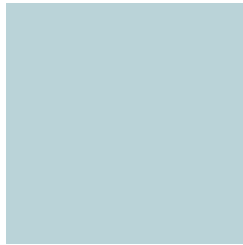
39, 75.228, 336.135



6, 29.157, 334.342

Previews

White Background



This preview shows how the CIELCh color 83, 9.024, 215.963 looks on a white background.

Color Contrast Check

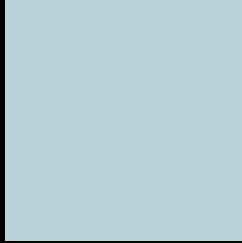
Large Text (above 18pt) WCAG AA × Fail

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 83, 9.024, 215.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

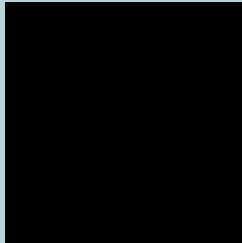
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

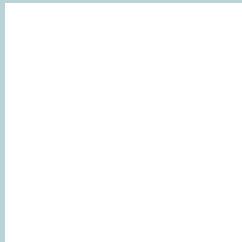
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 9.024, 215.963

Background



This preview shows how black text looks on a background with the CIELCh color 83, 9.024, 215.963.



This preview shows how white text looks on a background with the CIELCh color 83, 9.024, 215.963.

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](#).

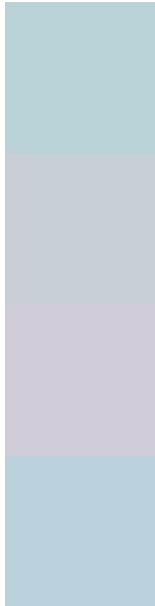
Dichromacy





Tritanopia
83, 11.153, 248.578

Trichromacy



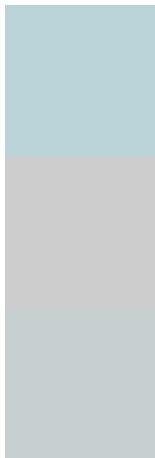
Original Color
83, 9.024, 215.963

Protanomaly
83, 4.424, 256.335

Deuteranomaly
83, 7.054, 302.426

Tritanomaly
83, 10.005, 238.502

Monochromacy



Original Color
83, 9.024, 215.963

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.262, 208.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 9.024, 215.963 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, 211, 216)` looks like.

```
.text, #text, p{  
    color:rgb(186, 211, 216)  
}
```

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, 211, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 211, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 9.024, 215.963 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, 211, 216) }
```

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

```
.border{ border-color:rgb(186, 211, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 211, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(186, 211,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 9.024, 215.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 211, 216) }
```

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

```
.background{ background-color: rgb(186,  
211, 216) }
```

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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