

Converting Colors

CIELCh(83, 19.627, 266.525)

Have a look what the booklet for
CIELCh(83, 19.627, 266.525)
contains.

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Color

CIELCh(83, 19.616, 266.081)

Conversions

Conversions Part 1

Format	Color
Hex	B7D1F3
RGB	183, 209, 243
RGB Percent	72%, 82%, 95%
CMY	0.2822, 0.1802, 0.0469
CMYK	0.25, 0.14, 0.00, 0.05
HSL	214°, 71%, 84%
HSV	214°, 25%, 95%
XYZ	58.5289, 62.1629, 93.7370
YIQ	205.1020, -26.4100, 5.0620

Conversions

Conversions Part 2

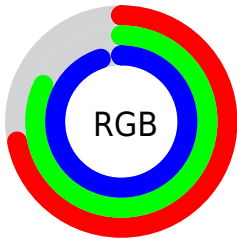
Format	Color
R_{YB}	183, 201, 243
Decimal	12046835
CIE _{Lab}	83.00, -1.34, -19.57
CIE _{LCh}	83, 19.616, 266.081
Yxy	62.1629, 0.2730, 0.2899
Android (android.graphics.Color)	4290236915 (0xFFB7D1F3)
YUV	205.1020, 18.6837, -19.3835
Hunter-Lab	78.8435, -5.4679, -15.2994

Details

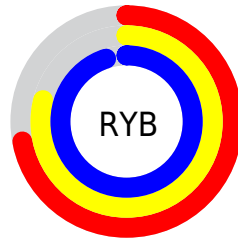
The CIELCh color **83, 19.616, 266.081** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **88, 20.419, 79.047**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **63, 19.581, 265.746** is the 20% darker color. If you saturate the color by 10%, you get **78, 27.554, 268.101**, and if you desaturate by 10%, it is **88, 11.667, 264.372**.

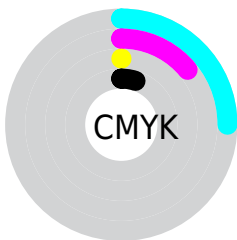
Distribution



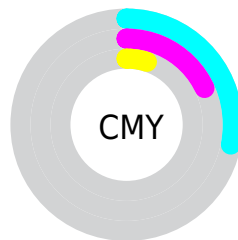
- Red (72%)
- Green (82%)
- Blue (95%)



- Red (72%)
- Yellow (79%)
- Blue (95%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 19.616, 266.081 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, 19.616, 266.081 by changing the saturation by 10% instead.

■ 83, 19.616,
266.081

■ 83, 19.616,
266.081

■ 100, 19.616,
266.081

■ 73, 19.616,
266.081

■ 63, 19.616,
266.081

■ 53, 19.616,
266.081

■ 43, 19.616,
266.081

■ 33, 19.616,
266.081

■ 23, 19.616,
266.081

■ 13, 19.616,

266.081

■ 3, 19.616, 266.081

■ 0, 19.616, 266.081

■ 83, 19.616,
266.081

■ 83, 19.616,
266.081

■ 78, 27.554,
268.101

■ 88, 11.667,
264.372

■ 73, 35.481,
270.491

■ 93, 3.726, 262.978

■ 99, 4.047, 85.788

■ 68, 43.408,
273.298

■ 100, 6.054,
109.713

■ 63, 51.371,
276.552

■ 58, 59.433,

280.241

■ 54, 67.671,
284.284

■ 50, 76.134,
288.512

■ 48, 80.724,
290.692

Harmonies

Complementary

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



83, 19.616, 266.081



88, 20.419, 79.047

Rectangle

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



83, 19.616, 266.081



83, 19.616, 316.081



83, 19.616, 86.081



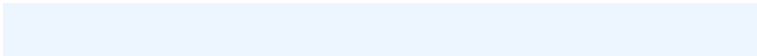
83, 19.616, 136.081

Sweetspot

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



83, 19.615, 266.078



96, 5.781, 263.265



91, 25.240, 164.130



51, 3.756, 263.345



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, 19.615, 266.078



84, 24.780, 267.126



77, 32.357, 294.814



48, 4.541, 263.600



37, 64.932, 289.962



9, 24.943, 283.272

Inverse Universe

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



80, 26.001, 349.805



81, 32.983, 350.447



94, 30.514, 109.934



48, 5.911, 348.203



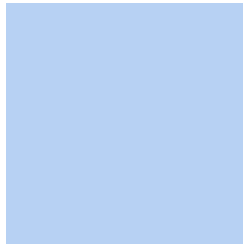
40, 66.683, 8.455



9, 29.785, 1.241

Previews

White Background



This preview shows how the CIELCh color 83, 19.616, 266.081 looks on a white background.

Color Contrast Check

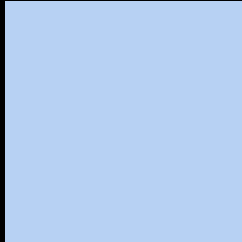
Large Text (above 18pt) WCAG AA × Fail

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 83, 19.616, 266.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

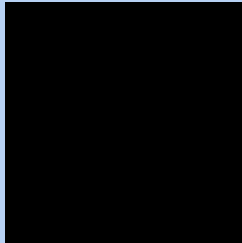
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

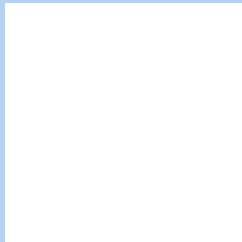
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 19.616, 266.081

Background



This preview shows how black text looks on a background with the CIELCh color 83, 19.616, 266.081.



This preview shows how white text looks on a background with the CIELCh color 83, 19.616, 266.081.

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
83, 19.616, 266.081

Protanopia
83, 18.555, 286.577

Deuteranopia
83, 22.904, 297.159



Tritanopia
83, 13.472, 237.891

Trichromacy



Original Color
83, 19.616, 266.081

Protanomaly
83, 18.836, 279.536

Deuteranomaly
83, 20.680, 286.411

Tritanomaly
83, 15.079, 249.679

Monochromacy



Original Color
83, 19.616, 266.081

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.511, 265.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 19.616, 266.081 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(183, 209, 243)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 243)  
}
```

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(183, 209, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 19.616, 266.081 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(183, 209, 243) }
```

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

```
.border{ border-color:rgb(183, 209, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 209, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 19.616, 266.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 243) }
```

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

```
.background{ background-color: rgb(183,  
209, 243) }
```

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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