

Converting Colors

CIELCh(82, 8.012, 187.419)

Have a look what the booklet for
CIELCh(82, 8.012, 187.419) contains.

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Color

CIELCh(82, 8.012, 187.419)

Conversions

Conversions Part 1

Format	Color
Hex	BBD1CE
RGB	187, 209, 206
RGB Percent	73%, 82%, 81%
CMY	0.2685, 0.1823, 0.1941
CMYK	0.11, 0.00, 0.01, 0.18
HSL	172°, 19%, 77%
HSV	172°, 11%, 82%
XYZ	54.1382, 60.2982, 66.8678
YIQ	202.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

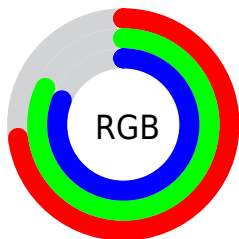
Format	Color
R _{YB}	187, 199, 209
Decimal	12308942
CIE _{Lab}	82.00, -7.94, -1.03
CIE _{LCh}	82, 8.012, 187.419
Yxy	60.2982, 0.2986, 0.3326
Android (android.graphics.Color)	4290499022 (0xFFBBD1CE)
YUV	202.0800, 1.9326, -13.2252
Hunter-Lab	77.6519, -11.4422, 3.3004

Details

The CIELCh color **82, 8.012, 187.419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 8.420, 9.088**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **62, 8.064, 186.648** is the 20% darker color. If you saturate the color by 10%, you get **81, 15.299, 186.528**, and if you desaturate by 10%, it is **84, 0.420, 189.461**.

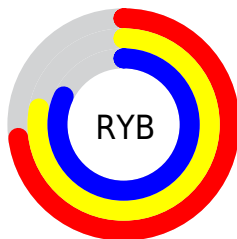
Distribution



Red (73%)

Green (82%)

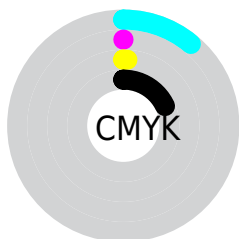
Blue (81%)



Red (73%)

Yellow (78%)

Blue (82%)

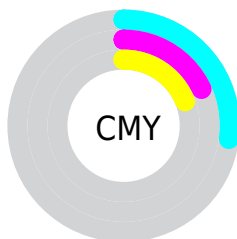


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.012, 187.419 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, 8.012, 187.419 by changing the saturation by 10% instead.

■ 82, 8.012, 187.419

■ 82, 8.012, 187.419

■ 100, 8.012,
187.419

■ 72, 8.012, 187.419

■ 62, 8.012, 187.419

■ 52, 8.012, 187.419

■ 42, 8.012, 187.419

■ 32, 8.012, 187.419

■ 22, 8.012, 187.419

■ 12, 8.012, 187.419

■ 2, 8.012, 187.419

■ 0, 8.012, 187.419

82, 8.012, 187.419

82, 8.012, 187.419

81, 15.299,
186.528

84, 0.420, 189.461

79, 22.155,
185.640

85, 7.376, 8.895

78, 28.455,
184.719

87, 15.285, 9.719

77, 34.070,
183.750

88, 18.050, 1.985

77, 38.889,
182.717

88, 18.506,
357.606

76, 42.830,
181.600

88, 19.070,
353.469

76, 45.861,
180.378

88, 19.732,
349.597

75, 48.011,
179.033

88, 20.483,
346.001

■ 75, 49.417,
177.664

Harmonies

Complementary

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



82, 8.012, 187.419



78, 8.420, 9.088

Rectangle

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



82, 8.012, 187.419



82, 8.012, 237.419



82, 8.012, 7.419



82, 8.012, 57.419

Sweetspot

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



82, 8.013, 187.409



99, 2.713, 188.196



82, 13.587, 139.785



53, 2.055, 188.080



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, 8.013, 187.409



98, 11.574, 187.177



80, 6.435, 238.854



43, 4.329, 187.512



62, 42.030, 177.904



14, 15.583, 181.099

Inverse Universe

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



78, 8.420, 9.088



91, 12.315, 9.361



79, 6.766, 56.799



41, 4.524, 8.970



35, 70.726, 33.430



4, 20.100, 13.123

Previews

White Background



This preview shows how the CIELCh color 82, 8.012, 187.419 looks on a white background.

Color Contrast Check

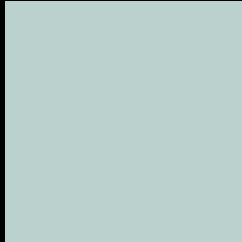
Large Text (above 18pt) WCAG AA × Fail

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 82, 8.012, 187.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

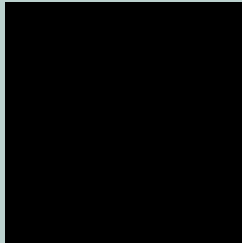
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

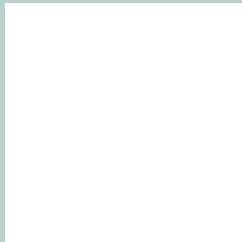
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.012, 187.419

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.012, 187.419.



This preview shows how white text looks on a background with the CIELCh color 82, 8.012, 187.419.

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, 10.182, 255.806

Trichromacy



Original Color
82, 8.012, 187.419

Protanomaly
82, 2.109, 169.416

Deuteranomaly
82, 4.103, 328.736

Tritanomaly
82, 8.067, 235.420

Monochromacy



Original Color
82, 8.012, 187.419

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.946, 188.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.012, 187.419 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(187, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 209, 206)  
}
```

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(187, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 209, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.012, 187.419 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(187, 209, 206) }
```

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

```
.border{ border-color:rgb(187, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 209, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 209, 206); box-shadow:4px 4px 4px 4px rgb(187, 209, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.012, 187.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 209, 206) }
```

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

```
.background{ background-color: rgb(187,  
209, 206) }
```

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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