

Converting Colors

CIELCh(78, 9.539, 349.200)

Have a look what the booklet for
CIELCh(78, 9.539, 349.200) contains.

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Color

CIELCh(78, 9.499, 349.766)

Conversions

Conversions Part 1

Format	Color
Hex	D1BBC4
RGB	209, 187, 196
RGB Percent	82%, 73%, 77%
CMY	0.1795, 0.2658, 0.2305
CMYK	0.00, 0.11, 0.06, 0.18
HSL	335°, 19%, 78%
HSV	335°, 11%, 82%
XYZ	54.1584, 53.2120, 59.7677
YIQ	194.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

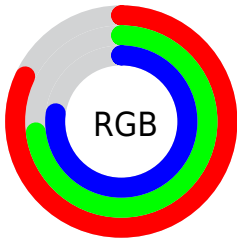
Format	Color
R_{YB}	209, 187, 196
Decimal	13745092
CIE _{Lab}	78.00, 9.35, -1.69
CIE _{LCh}	78, 9.499, 349.766
Yxy	53.2120, 0.3240, 0.3184
Android (android.graphics.Color)	4291935172 (0xFFD1BBC4)
YUV	194.6040, 0.6882, 12.6253
Hunter-Lab	72.9466, 4.8689, 2.4842

Details

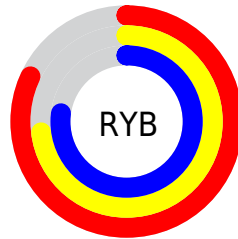
The CIELCh color $78, 9.499, 349.766$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 9.307, 167.975$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 6.660, 329.623$, and $58, 9.119, 350.550$ is the 20% darker color. If you saturate the color by 10%, you get $73, 18.784, 350.820$, and if you desaturate by 10%, it is $84, 0.464, 347.933$.

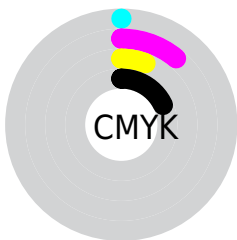
Distribution



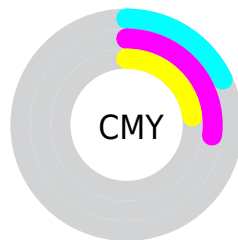
- Red (82%)
- Green (73%)
- Blue (77%)



- Red (82%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.499, 349.766 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 78, 9.499, 349.766 by changing the saturation by 10% instead.

 78, 9.499, 349.766

 78, 9.499, 349.766

 100, 9.499,
349.766

 68, 9.499, 349.766

 98, 9.499, 349.766

 58, 9.499, 349.766

 48, 9.499, 349.766

 38, 9.499, 349.766

 28, 9.499, 349.766

 18, 9.499, 349.766

 8, 9.499, 349.766

 0, 9.499, 349.766

 78, 9.499, 349.766

 78, 9.499, 349.766

73, 18.784,
350.820

84, 0.464, 347.933

67, 28.210,
352.002

89, 8.255, 168.152

62, 37.579,
353.378

95, 16.638,
167.387

58, 46.594,
355.018

97, 16.327,
181.354

53, 54.852,
357.024

97, 15.246,
198.491

50, 61.887,
359.530

47, 67.280, 2.707

46, 70.850, 6.728

45, 73.001, 11.275

Harmonies

Complementary

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



78, 9.499, 349.766



82, 9.307, 167.975

Rectangle

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



78, 9.499, 349.766



78, 9.499, 39.766



78, 9.499, 169.766



78, 9.499, 219.766

Sweetspot

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



78, 9.497, 349.772



98, 3.147, 348.963



78, 12.733, 312.358



52, 2.388, 349.071



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 9.497, 349.772



91, 13.839, 350.039



78, 7.674, 27.233



41, 5.113, 349.660



36, 62.003, 10.404



5, 21.054, 359.589

Inverse Universe

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



78, 9.497, 349.772



91, 13.839, 350.039



82, 7.168, 206.782



41, 5.113, 349.660



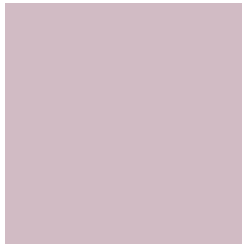
36, 62.003, 10.404



5, 21.054, 359.589

Previews

White Background



This preview shows how the CIELCh color 78, 9.499, 349.766 looks on a white background.

Color Contrast Check

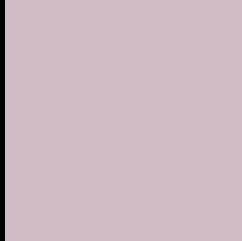
Large Text (above 18pt) WCAG AA × Fail

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 78, 9.499, 349.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

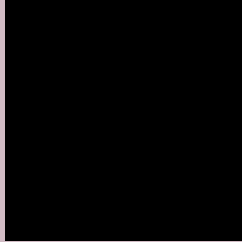
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 9.499, 349.766

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.499, 349.766.



This preview shows how white text looks on a background with the CIELCh color 78, 9.499, 349.766.

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

78, 9.499, 349.766

Protanopia

78, 3.925, 306.676

Deuteranopia

78, 9.824, 350.915



Tritanopia
78, 11.968, 338.301

Trichromacy



Original Color
78, 9.499, 349.766

Protanomaly
78, 5.674, 330.781

Deuteranomaly
78, 9.824, 350.915

Tritanomaly
78, 11.295, 342.361

Monochromacy



Original Color
78, 9.499, 349.766

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 3.377, 351.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.499, 349.766 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(209, 187, 196)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 196)  
}
```

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(209, 187, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.499, 349.766 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(209, 187, 196) }
```

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

```
.border{ border-color:rgb(209, 187, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 187, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.499, 349.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 196) }
```

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

```
.background{ background-color: rgb(209,  
187, 196) }
```

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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