

Converting Colors

CIELCh(80, 9.485, 359.915)

Have a look what the booklet for
CIELCh(80, 9.485, 359.915) contains.

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Color

CIELCh(80, 9.669, 357.560)

Conversions

Conversions Part 1

Format	Color
Hex	D8C0C7
RGB	216, 192, 199
RGB Percent	85%, 75%, 78%
CMY	0.1513, 0.2455, 0.2180
CMYK	0.00, 0.11, 0.08, 0.15
HSL	343°, 24%, 80%
HSV	343°, 11%, 85%
XYZ	57.7358, 56.6813, 62.1779
YIQ	199.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

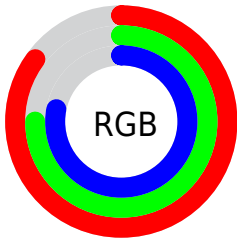
Format	Color
R _Y B	216, 192, 199
Decimal	14205127
CIE Lab	80.00, 9.66, -0.41
CIE LCh	80, 9.669, 357.560
Yxy	56.6813, 0.3269, 0.3210
Android (android.graphics.Color)	4292395207 (0xFFD8C0C7)
YUV	199.9740, -0.4802, 14.0548
Hunter-Lab	75.2870, 5.1352, 3.7345

Details

The CIELCh color $80, 9.669, 357.560$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 9.355, 175.576$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.358, 324.523$, and $60, 9.324, 359.149$ is the 20% darker color. If you saturate the color by 10%, you get $74, 18.745, 358.713$, and if you desaturate by 10%, it is $86, 0.936, 356.106$.

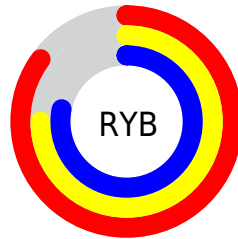
Distribution



Red (85%)

Green (75%)

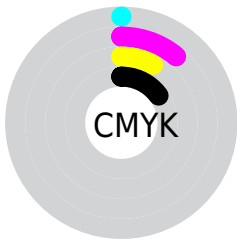
Blue (78%)



Red (85%)

Yellow (75%)

Blue (78%)

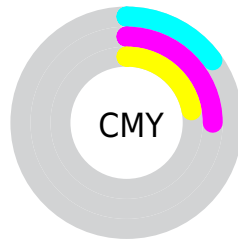


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.669, 357.560 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 80, 9.669, 357.560 by changing the saturation by 10% instead.

80, 9.669, 357.560

80, 9.669, 357.560

100, 9.669,
357.560

70, 9.669, 357.560

60, 9.669, 357.560

50, 9.669, 357.560

40, 9.669, 357.560

30, 9.669, 357.560

20, 9.669, 357.560

10, 9.669, 357.560

0, 9.669, 357.560

80, 9.669, 357.560

80, 9.669, 357.560

74, 18.745,
358.713

86, 0.936, 356.106

69, 28.077, 0.038

92, 7.408, 175.868

64, 37.493, 1.621

97, 14.160,
178.235

59, 46.724, 3.557

97, 12.959,
198.640

55, 55.400, 5.974

51, 63.099, 9.033

48, 69.473, 12.904

47, 74.431, 17.696

46, 78.087, 22.529

Harmonies

Complementary

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



80, 9.669, 357.560



85, 9.355, 175.576

Rectangle

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



80, 9.669, 357.560



80, 9.669, 47.560



80, 9.669, 177.560



80, 9.669, 227.560

Sweetspot

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



80, 9.667, 357.567



98, 2.938, 356.632



80, 14.210, 316.185



52, 2.231, 356.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 9.667, 357.567



91, 12.996, 357.789



81, 7.652, 39.203



42, 4.888, 357.386



36, 65.093, 21.510



5, 22.251, 6.661

Inverse Universe

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



80, 9.667, 357.567



91, 12.996, 357.789



84, 7.137, 219.887



42, 4.888, 357.386



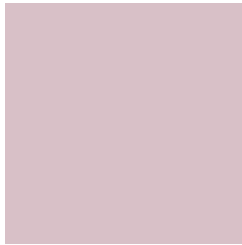
36, 65.093, 21.510



5, 22.251, 6.661

Previews

White Background



This preview shows how the CIELCh color 80, 9.669, 357.560 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 80, 9.669, 357.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

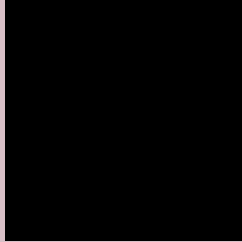
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 9.669, 357.560

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.669, 357.560.



This preview shows how white text looks on a background with the CIELCh color 80, 9.669, 357.560.

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

80, 9.669, 357.560

Protanopia

80, 3.059, 318.851

Deuteranopia

80, 10.017, 358.427



Tritanopia
80, 12.467, 340.634

Trichromacy



Original Color
80, 9.669, 357.560

Protanomaly
80, 5.470, 344.050

Deuteranomaly
80, 10.017, 358.427

Tritanomaly
80, 11.224, 345.696

Monochromacy



Original Color
80, 9.669, 357.560

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.690, 353.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.669, 357.560 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(216, 192, 199)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 199)  
}
```

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(216, 192, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.669, 357.560 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(216, 192, 199) }
```

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

```
.border{ border-color:rgb(216, 192, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.669, 357.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 199) }
```

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

```
.background{ background-color: rgb(216,  
192, 199) }
```

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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