

Converting Colors

CIELCh(81, 4.369, 345.549)

Have a look what the booklet for
CIELCh(81, 4.369, 345.549) contains.

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Color

CIELCh(81, 3.942, 347.017)

Conversions

Conversions Part 1

Format	Color
Hex	D0C7CB
RGB	208, 199, 203
RGB Percent	82%, 78%, 80%
CMY	0.1849, 0.2202, 0.2045
CMYK	0.00, 0.04, 0.02, 0.18
HSL	333°, 9%, 80%
HSV	333°, 4%, 82%
XYZ	57.1209, 58.4711, 64.6819
YIQ	202.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

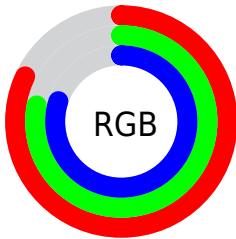
Format	Color
R _Y B	208, 199, 203
Decimal	13682635
CIE Lab	81.00, 3.84, -0.89
CIE LCh	81, 3.942, 347.017
Yxy	58.4711, 0.3169, 0.3243
Android (android.graphics.Color)	4291872715 (0xFFD0C7CB)
YUV	202.1470, 0.4205, 5.1331
Hunter-Lab	76.4664, -0.4755, 3.3739

Details

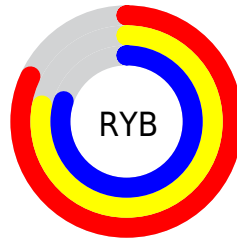
The CIELCh color $81, 3.942, 347.017$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 3.902, 166.514$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 4.176, 347.166$ is the 20% darker color. If you saturate the color by 10%, you get $75, 13.221, 348.028$, and if you desaturate by 10%, it is $87, 5.064, 166.400$.

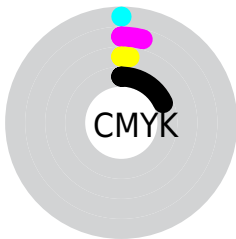
Distribution



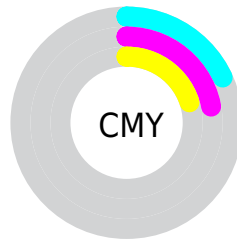
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.942, 347.017 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 81, 3.942, 347.017 by changing the saturation by 10% instead.

■ 81, 3.942, 347.017

■ 81, 3.942, 347.017

■ 100, 3.942,
347.017

■ 71, 3.942, 347.017

■ 61, 3.942, 347.017

■ 51, 3.942, 347.017

■ 41, 3.942, 347.017

■ 31, 3.942, 347.017

■ 21, 3.942, 347.017

■ 11, 3.942, 347.017

■ 1, 3.942, 347.017

■ 0, 3.942, 347.017

81, 3.942, 347.017

81, 3.942, 347.017

75, 13.221,
348.028

87, 5.064, 166.400

70, 22.695,
349.079

92, 13.750,
165.595

65, 32.211,
350.273

96, 18.639,
169.504

60, 41.528,
351.663

97, 16.207,
187.557

56, 50.298,
353.323

97, 15.674,
198.463

52, 58.076,
355.356

49, 64.381,
357.901

46, 68.843, 1.128

Harmonies

Complementary

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



81, 3.942, 347.017



83, 3.902, 166.514

Rectangle

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



81, 3.942, 347.017



81, 3.942, 37.017



81, 3.942, 167.017



81, 3.942, 217.017

Sweetspot

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



81, 3.940, 347.029



99, 1.075, 346.381



81, 5.134, 310.951



53, 0.611, 346.352



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 3.940, 347.029



97, 5.379, 347.109



81, 3.158, 23.794



42, 3.120, 347.171



36, 61.846, 7.000



5, 21.312, 357.464

Inverse Universe

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



81, 3.940, 347.029



97, 5.379, 347.109



83, 3.073, 203.807



42, 3.120, 347.171



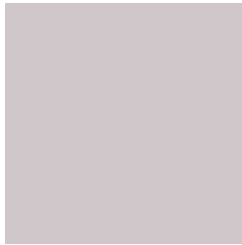
36, 61.846, 7.000



5, 21.312, 357.464

Previews

White Background



This preview shows how the CIELCh color 81, 3.942, 347.017 looks on a white background.

Color Contrast Check

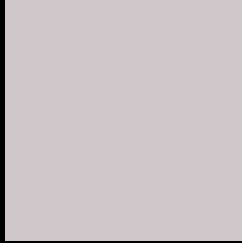
Large Text (above 18pt) WCAG AA × Fail

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 81, 3.942, 347.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

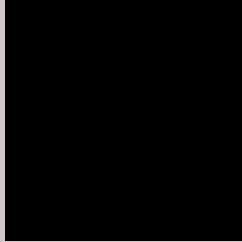
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

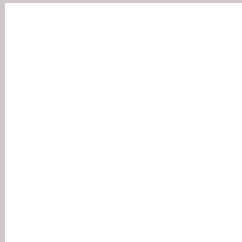
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.942, 347.017

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.942, 347.017.

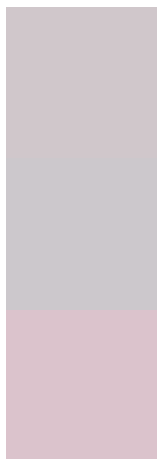


This preview shows how white text looks on a background with the CIELCh color 81, 3.942, 347.017.

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


81, 3.942, 347.017

Protanopia

81, 2.598, 324.448

Deuteranopia

81, 10.075, 351.953



Tritanopia
81, 9.591, 317.592

Trichromacy



Original Color
81, 3.942, 347.017

Protanomaly
81, 2.822, 330.567

Deuteranomaly
81, 8.200, 348.870

Tritanomaly
81, 7.116, 324.692

Monochromacy



Original Color
81, 3.942, 347.017

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.228, 353.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.942, 347.017 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(208, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 203)  
}
```

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(208, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.942, 347.017 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(208, 199, 203) }
```

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

```
.border{ border-color:rgb(208, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.942, 347.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 203) }
```

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

```
.background{ background-color: rgb(208,  
199, 203) }
```

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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