

Converting Colors

CIELCh(80, 10.190, 347.280)

Have a look what the booklet for
CIELCh(80, 10.190, 347.280)
contains.

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Color

CIELCh(80, 10.322, 345.715)

Conversions

Conversions Part 1

Format	Color
Hex	D7C0CB
RGB	215, 192, 203
RGB Percent	84%, 75%, 80%
CMY	0.1555, 0.2457, 0.2025
CMYK	0.00, 0.11, 0.06, 0.16
HSL	331°, 22%, 80%
HSV	331°, 11%, 84%
XYZ	57.8760, 56.6813, 64.6093
YIQ	200.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

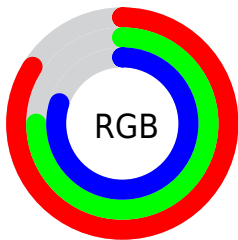
Format	Color
R _{YB}	215, 192, 203
Decimal	14139595
CIE Lab	80.00, 10.00, -2.55
CIE LCh	80, 10.322, 345.715
Yxy	56.6813, 0.3230, 0.3164
Android (android.graphics.Color)	4292329675 (0xFFD7C0CB)
YUV	200.1310, 1.4144, 13.0401
Hunter-Lab	75.2870, 5.4677, 1.8197

Details

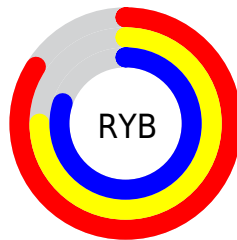
The CIELCh color **80, 10.322, 345.715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 10.161, 163.973**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **60, 9.969, 346.037** is the 20% darker color. If you saturate the color by 10%, you get **74, 20.201, 346.699**, and if you desaturate by 10%, it is **86, 0.656, 344.235**.

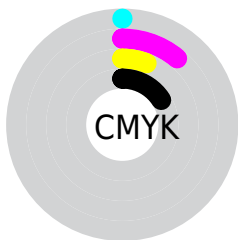
Distribution



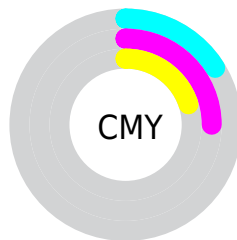
- Red (84%)
- Green (75%)
- Blue (80%)



- Red (84%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 10.322, 345.715 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, 10.322, 345.715 by changing the saturation by 10% instead.


 80, 10.322,
345.715


 80, 10.322,
345.715


 100, 10.322,
345.715


 70, 10.322,
345.715


 60, 10.322,
345.715

 50, 10.322,
345.715

 40, 10.322,
345.715

 30, 10.322,
345.715

 20, 10.322,
345.715

 10, 10.322,

345.715

■ 0, 10.322, 345.715

■ 80, 10.322,
345.715

■ 80, 10.322,
345.715

■ 74, 20.201,
346.699

■ 86, 0.656, 344.235

■ 69, 30.165,
347.789

■ 92, 8.715, 164.172

■ 64, 39.988,
349.037

■ 97, 16.635,
164.930

■ 59, 49.341,
350.503

■ 97, 13.961,
184.326

■ 55, 57.785,
352.269

■ 97, 13.298,
198.618

■ 52, 64.810,
354.449

■ 49, 69.955,
357.197

■ 47, 73.000, 0.680

■ 46, 74.369, 4.596

Harmonies

Complementary

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



80, 10.322, 345.715



84, 10.161, 163.973

Rectangle

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



80, 10.322, 345.715



80, 10.322, 35.715



80, 10.322, 165.715



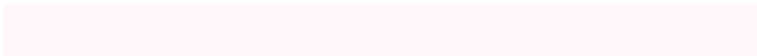
80, 10.322, 215.715

Sweetspot

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



80, 10.320, 345.719



98, 3.294, 344.945



79, 13.056, 310.112



52, 2.499, 345.045



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, 10.320, 345.719



91, 14.447, 345.952



80, 8.502, 21.381



42, 5.450, 345.600



36, 62.625, 3.802



5, 23.319, 355.725

Inverse Universe

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



80, 10.320, 345.719



91, 14.447, 345.952



84, 7.942, 200.371



42, 5.450, 345.600



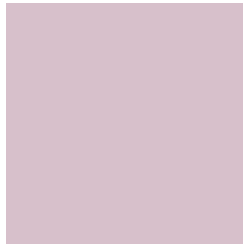
36, 62.625, 3.802



5, 23.319, 355.725

Previews

White Background



This preview shows how the CIELCh color 80, 10.322, 345.715 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, 10.322, 345.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

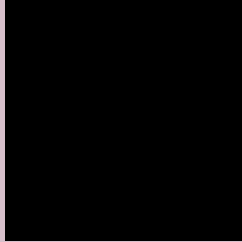
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 10.322, 345.715

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.322, 345.715.



This preview shows how white text looks on a background with the CIELCh color 80, 10.322, 345.715.

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, 10.322, 345.715

Protanopia
80, 4.938, 303.272

Deuteranopia
80, 10.322, 345.715



Tritanopia
80, 11.902, 338.278

Trichromacy



Original Color
80, 10.322, 345.715

Protanomaly
80, 6.705, 327.260

Deuteranomaly
80, 10.322, 345.715

Tritanomaly
80, 11.560, 340.246

Monochromacy



Original Color
80, 10.322, 345.715

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.950, 347.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.322, 345.715 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(215, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 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(215, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.322, 345.715 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(215, 192, 203) }
```

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

```
.border{ border-color:rgb(215, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.322, 345.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 203) }
```

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

```
.background{ background-color: rgb(215,  
192, 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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