

Converting Colors

CIELCh(81, 11.141, 355.525)

Have a look what the booklet for
CIELCh(81, 11.141, 355.525)
contains.

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Color

CIELCh(81, 11.422, 355.670)

Conversions

Conversions Part 1

Format	Color
Hex	DEC2CB
RGB	222, 194, 203
RGB Percent	87%, 76%, 80%
CMY	0.1291, 0.2389, 0.2036
CMYK	0.00, 0.13, 0.09, 0.13
HSL	341°, 30%, 82%
HSV	341°, 13%, 87%
XYZ	60.2416, 58.4711, 64.6550
YIQ	203.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

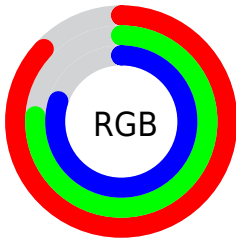
Format	Color
R _Y B	222, 194, 203
Decimal	14598859
CIE Lab	81.00, 11.39, -0.86
CIE LCh	81, 11.422, 355.670
Yxy	58.4711, 0.3285, 0.3189
Android (android.graphics.Color)	4292788939 (0xFFDEC2CB)
YUV	203.3980, -0.1962, 16.3140
Hunter-Lab	76.4664, 6.8092, 3.3947

Details

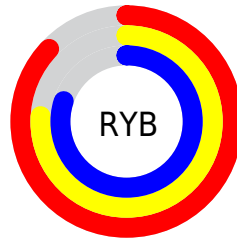
The CIELCh color **81, 11.422, 355.670** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 11.043, 173.370**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **61, 11.754, 355.220** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.839, 356.828**, and if you desaturate by 10%, it is **87, 2.318, 354.518**.

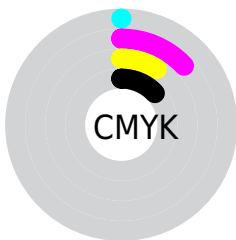
Distribution



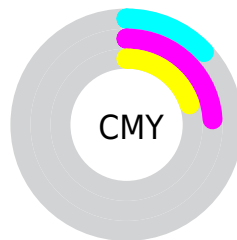
- Red (87%)
- Green (76%)
- Blue (80%)



- Red (87%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 11.422, 355.670 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, 11.422, 355.670 by changing the saturation by 10% instead.


 81, 11.422,
355.670


 81, 11.422,
355.670


 100, 11.422,
355.670


 71, 11.422,
355.670


 61, 11.422,
355.670

 51, 11.422,
355.670

 41, 11.422,
355.670

 31, 11.422,
355.670

 21, 11.422,
355.670

 11, 11.422,

355.670

■ 1, 11.422, 355.670

■ 0, 11.422, 355.670

■ 81, 11.422,
355.670

■ 81, 11.422,
355.670

■ 75, 20.839,
356.828

■ 87, 2.318, 354.518

■ 70, 30.461,
358.163

■ 93, 6.411, 173.951

■ 64, 40.086,
359.754

■ 98, 11.838,
181.832

■ 60, 49.409, 1.697

■ 98, 11.129,
198.763

■ 55, 58.023, 4.121

■ 52, 65.479, 7.191

■ 49, 71.431, 11.081

■ 48, 75.837, 15.908

■ 47, 78.511, 19.911

Harmonies

Complementary

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



81, 11.422, 355.670



86, 11.043, 173.370

Rectangle

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



81, 11.422, 355.670



81, 11.422, 45.670



81, 11.422, 175.670



81, 11.422, 225.670

Sweetspot

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



81, 11.420, 355.676



97, 3.988, 354.728



81, 16.381, 315.187



51, 2.838, 354.822



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, 11.420, 355.676



90, 15.271, 355.952



82, 9.126, 35.601



44, 5.156, 355.336



37, 65.683, 18.940



6, 25.403, 6.524

Inverse Universe

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



81, 11.420, 355.676



90, 15.271, 355.952



85, 8.408, 215.939



44, 5.156, 355.336



37, 65.683, 18.940



6, 25.403, 6.524

Previews

White Background



This preview shows how the CIELCh color 81, 11.422, 355.670 looks on a white background.

Color Contrast Check

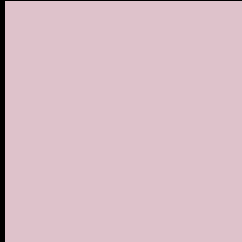
Large Text (above 18pt) WCAG AA × Fail

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, 11.422, 355.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

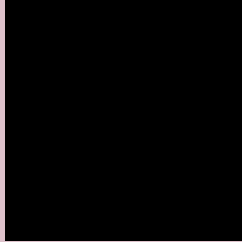
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 11.422, 355.670

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.422, 355.670.



This preview shows how white text looks on a background with the CIELCh color 81, 11.422, 355.670.

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](#).

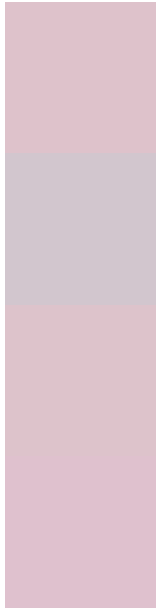
Dichromacy





Tritanopia
81, 13.607, 344.769

Trichromacy



Original Color
81, 11.422, 355.670

Protanomaly
81, 6.134, 336.005

Deuteranomaly
81, 10.525, 356.518

Tritanomaly
81, 13.043, 348.595

Monochromacy



Original Color
81, 11.422, 355.670

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 4.014, 356.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.422, 355.670 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(222, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 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(222, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.422, 355.670 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(222, 194, 203) }
```

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

```
.border{ border-color:rgb(222, 194, 203) }
```

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

Here you see how a box with a 4 pixel rgb(222, 194, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.422, 355.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 203) }
```

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

```
.background{ background-color: rgb(222,  
194, 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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