

Converting Colors

CIELCh(86, 11.261, 311.157)

Have a look what the booklet for
CIELCh(86, 11.261, 311.157)
contains.

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Color

CIELCh(86, 11.252, 311.155)

Conversions

Conversions Part 1

Format	Color
Hex	DED3E7
RGB	222, 211, 231
RGB Percent	87%, 83%, 91%
CMY	0.1289, 0.1720, 0.0936
CMYK	0.04, 0.09, 0.00, 0.09
HSL	273°, 30%, 87%
HSV	273°, 9%, 91%
XYZ	67.9401, 67.9871, 85.2485
YIQ	216.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

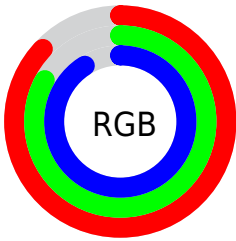
Format	Color
R _Y B	222, 211, 231
Decimal	14603239
CIE Lab	86.00, 7.40, -8.47
CIE LCh	86, 11.252, 311.155
Yxy	67.9871, 0.3072, 0.3074
Android (android.graphics.Color)	4292793319 (0xFFDED3E7)
YUV	216.5690, 7.1145, 4.7630
Hunter-Lab	82.4543, 2.7841, -3.5812

Details

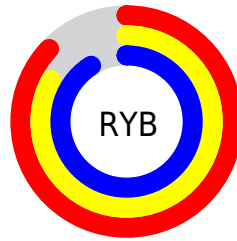
The CIELCh color `86, 11.252, 311.155` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 11.121, 130.436`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 10.699, 311.409` is the 20% darker color. If you saturate the color by 10%, you get `79, 24.568, 311.622`, and if you desaturate by 10%, it is `93, 1.715, 130.827`.

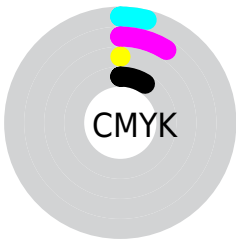
Distribution



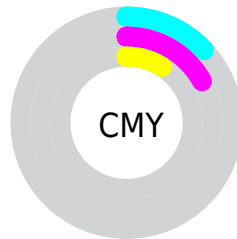
- Red (87%)
- Green (83%)
- Blue (91%)



- Red (87%)
- Yellow (83%)
- Blue (91%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)





- Cyan (13%)
- Magenta (17%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 11.252, 311.155 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 86, 11.252, 311.155 by changing the saturation by 10% instead.


 86, 11.252,
311.155


 86, 11.252,
311.155


 100, 11.252,
311.155


 76, 11.252,
311.155

 66, 11.252,
311.155

 56, 11.252,
311.155

 46, 11.252,
311.155

 36, 11.252,
311.155

 26, 11.252,
311.155

 16, 11.252,

311.155

■ 6, 11.252, 311.155

■ 0, 11.252, 311.155

■ 86, 11.252,
311.155

■ 86, 11.252,
311.155

■ 79, 24.568,
311.622

■ 93, 1.715, 130.827

■ 73, 38.177,
312.114

■ 99, 12.886,
128.844

■ 67, 51.950,
312.615

■ 99, 12.096,
112.087

■ 60, 65.666,
313.097

■ 99, 12.074,
109.265

■ 55, 78.951,

313.518

■ 49, 91.232,
313.811

■ 45, 101.723,
313.887

■ 41, 109.540,
313.643

■ 39, 114.233,
313.021

Harmonies

Complementary

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



86, 11.252, 311.155



90, 11.121, 130.436

Rectangle

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



86, 11.252, 311.155



86, 11.252, 1.155



86, 11.252, 131.155



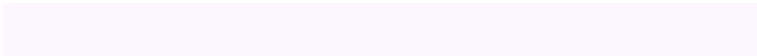
86, 11.252, 181.155

Sweetspot

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



86, 11.250, 311.153



98, 4.197, 310.882



88, 6.398, 260.145



52, 3.184, 310.925



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 11.250, 311.153



93, 14.106, 311.217



87, 12.437, 325.801



45, 7.350, 311.189



29, 94.437, 313.121



4, 35.930, 312.815

Inverse Universe

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



86, 8.670, 347.135



93, 10.873, 347.272



90, 12.415, 144.852



45, 5.665, 347.213



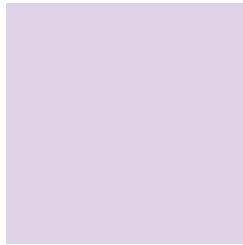
38, 64.597, 6.671



7, 27.193, 358.723

Previews

White Background



This preview shows how the CIELCh color 86, 11.252, 311.155 looks on a white background.

Color Contrast Check

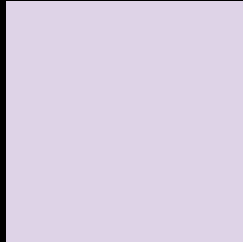
Large Text (above 18pt) WCAG AA × Fail

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 86, 11.252, 311.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

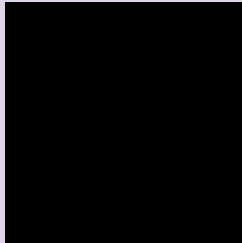
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

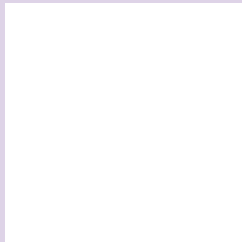
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 11.252, 311.155

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.252, 311.155.



This preview shows how white text looks on a background with the CIELCh color 86, 11.252, 311.155.

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

86, 11.252, 311.155

Protanopia

86, 9.976, 291.020

Deuteranopia

86, 13.889, 320.017



Tritanopia
86, 9.163, 313.584

Trichromacy



Original Color
86, 11.252, 311.155

Protanomaly
86, 10.101, 298.967

Deuteranomaly
86, 12.924, 316.976

Tritanomaly
86, 9.648, 312.385

Monochromacy



Original Color
86, 11.252, 311.155

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 3.962, 311.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.252, 311.155 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, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 231)  
}
```

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, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.252, 311.155 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, 211, 231) }
```

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

```
.border{ border-color:rgb(222, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.252, 311.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 231) }
```

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

```
.background{ background-color: rgb(222,  
211, 231) }
```

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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