

Converting Colors

CIELCh(86, 12.256, 317.663)

Have a look what the booklet for
CIELCh(86, 12.256, 317.663)
contains.

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Color

CIELCh(86, 12.457, 318.034)

Conversions

Conversions Part 1

Format	Color
Hex	E2D2E7
RGB	226, 210, 231
RGB Percent	89%, 82%, 91%
CMY	0.1140, 0.1767, 0.0944
CMYK	0.02, 0.09, 0.00, 0.09
HSL	286°, 30%, 86%
HSV	286°, 9%, 91%
XYZ	68.7904, 67.9871, 85.0515
YIQ	217.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

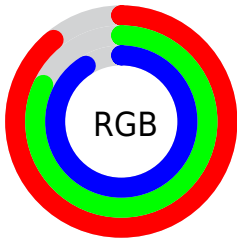
Format	Color
R _Y B	226, 210, 231
Decimal	14865127
CIE Lab	86.00, 9.26, -8.33
CIE LCh	86, 12.457, 318.034
Yxy	67.9871, 0.3101, 0.3065
Android (android.graphics.Color)	4293055207 (0xFFE2D2E7)
YUV	217.1780, 6.8142, 7.7369
Hunter-Lab	82.4543, 4.6249, -3.4395

Details

The CIELCh color `86, 12.457, 318.034` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 12.375, 137.269`, 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, 11.978, 318.949` is the 20% darker color. If you saturate the color by 10%, you get `80, 26.379, 318.483`, and if you desaturate by 10%, it is `92, 1.220, 137.803`.

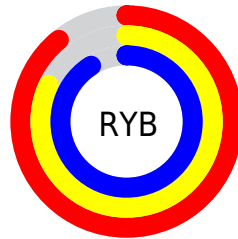
Distribution



Red (89%)

Green (82%)

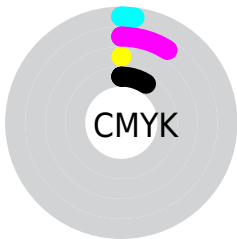
Blue (91%)



Red (89%)

Yellow (82%)

Blue (91%)

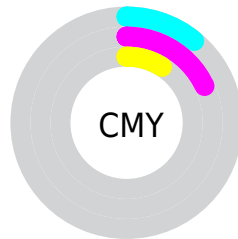


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (11%)


Magenta (18%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 12.457, 318.034 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, 12.457, 318.034 by changing the saturation by 10% instead.


 86, 12.457,
318.034


 86, 12.457,
318.034


 100, 12.457,
318.034


 76, 12.457,
318.034

 66, 12.457,
318.034

 56, 12.457,
318.034

 46, 12.457,
318.034

 36, 12.457,
318.034

 26, 12.457,
318.034

 16, 12.457,

318.034

■ 6, 12.457, 318.034

■ 0, 12.457, 318.034

■ 86, 12.457,
318.034

■ 86, 12.457,
318.034

■ 80, 26.379,
318.483

■ 92, 1.220, 137.803

■ 74, 40.418,
318.927

■ 98, 13.877,
136.910

■ 68, 54.354,
319.348

■ 99, 13.049,
129.435

■ 63, 67.852,
319.719

■ 99, 12.474,
121.018

■ 58, 80.440,

■ 99, 12.198,
111.916

320.005

99, 12.178,
109.257

54, 91.507,
320.157

50, 100.370,
320.123

48, 106.449,
319.849

46, 109.723,
319.326

Harmonies

Complementary

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



86, 12.457, 318.034



90, 12.375, 137.269

Rectangle

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



86, 12.457, 318.034



86, 12.457, 8.034



86, 12.457, 138.034



86, 12.457, 188.034

Sweetspot

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



86, 12.455, 318.033



98, 4.432, 317.734



86, 8.429, 278.385



52, 3.361, 317.780



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, 12.455, 318.033



93, 16.361, 318.122



86, 11.221, 332.900



45, 7.744, 318.049



35, 90.636, 319.410



6, 36.987, 320.264

Inverse Universe

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



86, 8.119, 1.188



93, 10.696, 1.404



90, 11.176, 151.756



45, 5.051, 1.228



37, 69.332, 26.302



7, 26.643, 11.696

Previews

White Background



This preview shows how the CIELCh color 86, 12.457, 318.034 looks on a white background.

Color Contrast Check

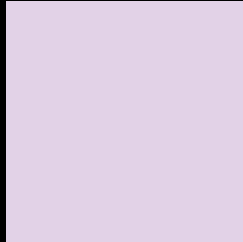
Large Text (above 18pt) WCAG AA × Fail

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 86, 12.457, 318.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

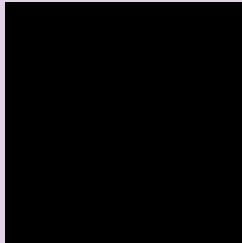
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

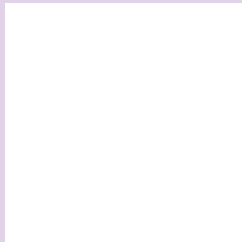
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 12.457, 318.034

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.457, 318.034.



This preview shows how white text looks on a background with the CIELCh color 86, 12.457, 318.034.

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

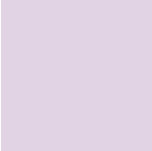
86, 12.457, 318.034

Protanopia

86, 9.976, 291.020

Deuteranopia

86, 13.618, 322.419



Tritanopia
86, 9.818, 321.313

Trichromacy



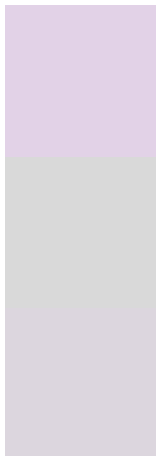
Original Color
86, 12.457, 318.034

Protanomaly
86, 10.159, 300.924

Deuteranomaly
86, 13.436, 321.107

Tritanomaly
86, 10.271, 319.823

Monochromacy



Original Color
86, 12.457, 318.034

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.743, 317.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.457, 318.034 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(226, 210, 231)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 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(226, 210, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.457, 318.034 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(226, 210, 231) }
```

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

```
.border{ border-color:rgb(226, 210, 231) }
```

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

Here you see how a box with a 4 pixel rgb(226, 210, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 231);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.457, 318.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 231) }
```

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

```
.background{ background-color: rgb(226,  
210, 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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