

Converting Colors

CIELCh(87, 14.348, 321.509)

Have a look what the booklet for
CIELCh(87, 14.348, 321.509)
contains.

CIELCh(87, 14.029, 321.293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 14.029, 321.293)

Conversions

Conversions Part 1

Format	Color
Hex	E8D4EB
RGB	232, 212, 235
RGB Percent	91%, 83%, 92%
CMY	0.0915, 0.1699, 0.0797
CMYK	0.01, 0.10, 0.00, 0.08
HSL	292°, 36%, 88%
HSV	292°, 10%, 92%
XYZ	71.5836, 70.0064, 88.0890
YIQ	220.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

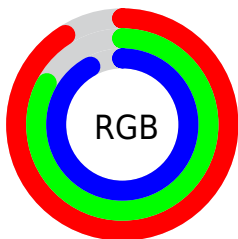
Format	Color
R _Y B	232, 212, 235
Decimal	15258859
CIE Lab	87.00, 10.95, -8.77
CIE LCh	87, 14.029, 321.293
Yxy	70.0064, 0.3117, 0.3048
Android (android.graphics.Color)	4293448939 (0xFFE8D4EB)
YUV	220.6020, 7.0982, 9.9960
Hunter-Lab	83.6698, 6.2933, -3.8526

Details

The CIELCh color `87, 14.029, 321.293` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 13.970, 140.375`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 14.120, 321.232` is the 20% darker color. If you saturate the color by 10%, you get `81, 28.520, 321.778`, and if you desaturate by 10%, it is `93, 0.278, 141.759`.

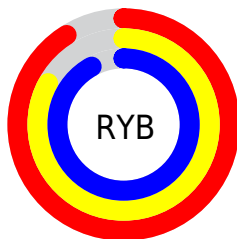
Distribution



Red (91%)

Green (83%)

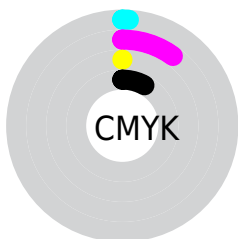
Blue (92%)



Red (91%)

Yellow (83%)

Blue (92%)

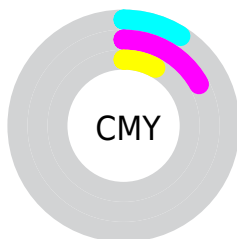


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (9%)


Magenta (17%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 14.029, 321.293 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 87, 14.029, 321.293 by changing the saturation by 10% instead.


 87, 14.029,
321.293

 87, 14.029,
321.293


 100, 14.029,
321.293


 77, 14.029,
321.293

 67, 14.029,
321.293

 57, 14.029,
321.293

 47, 14.029,
321.293

 37, 14.029,
321.293

 27, 14.029,
321.293

 17, 14.029,

321.293

■ 7, 14.029, 321.293

■ 0, 14.029, 321.293

■ 87, 14.029,
321.293

■ 87, 14.029,
321.293

■ 81, 28.520,
321.778

■ 93, 0.278, 141.759

■ 75, 43.018,
322.247

■ 98, 12.056,
139.813

■ 70, 57.239,
322.688

■ 99, 11.528,
135.273

■ 65, 70.784,
323.075

■ 99, 11.079,
130.297

■ 61, 83.125,

■ 99, 10.720,
124.910

323.379

99, 10.464,
119.173

57, 93.644,
323.567

99, 10.319,
113.179

54, 101.731,
323.603

100, 10.289,
109.399

52, 106.969,
323.461

51, 109.585,
323.148

Harmonies

Complementary

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



87, 14.029, 321.293



91, 13.970, 140.375

Rectangle

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



87, 14.029, 321.293



87, 14.029, 11.293



87, 14.029, 141.293



87, 14.029, 191.293

Sweetspot

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



87, 14.026, 321.293



98, 4.573, 320.931



86, 10.491, 285.266



52, 3.468, 320.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 14.026, 321.293



92, 18.408, 321.403



87, 11.279, 337.797



46, 8.129, 321.276



39, 90.249, 323.222



8, 38.554, 323.927

Inverse Universe

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



87, 8.578, 9.489



92, 11.318, 9.724



91, 11.198, 156.413



46, 4.968, 9.455



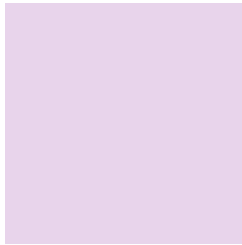
38, 75.177, 34.082



7, 28.064, 17.362

Previews

White Background



This preview shows how the CIELCh color 87, 14.029, 321.293 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 87, 14.029, 321.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

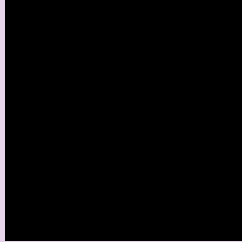
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

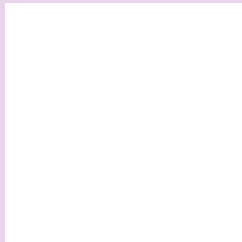
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 14.029, 321.293

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.029, 321.293.



This preview shows how white text looks on a background with the CIELCh color 87, 14.029, 321.293.

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

87, 14.029, 321.293

Protanopia

87, 10.997, 289.297

Deuteranopia

87, 13.854, 320.012



Tritanopia
87, 10.604, 328.036

Trichromacy



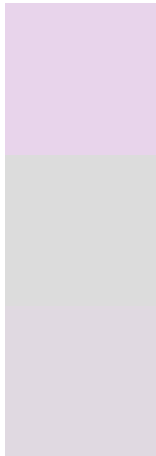
Original Color
87, 14.029, 321.293

Protanomaly
87, 11.822, 303.015

Deuteranomaly
87, 13.854, 320.012

Tritanomaly
87, 11.445, 324.845

Monochromacy



Original Color
87, 14.029, 321.293

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.906, 321.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.029, 321.293 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(232, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 235)  
}
```

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(232, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.029, 321.293 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(232, 212, 235) }
```

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

```
.border{ border-color:rgb(232, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.029, 321.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 235) }
```

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

```
.background{ background-color: rgb(232,  
212, 235) }
```

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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