

Converting Colors

CIELCh(87, 14.031, 304.124)

Have a look what the booklet for
CIELCh(87, 14.031, 304.124)
contains.

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Color

CIELCh(87, 14.031, 304.124)

Conversions

Conversions Part 1

Format	Color
Hex	DFD6F0
RGB	223, 214, 240
RGB Percent	87%, 84%, 94%
CMY	0.1258, 0.1611, 0.0592
CMYK	0.07, 0.11, 0.00, 0.06
HSL	261°, 46%, 89%
HSV	261°, 11%, 94%
XYZ	70.1412, 70.0064, 92.1814
YIQ	219.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

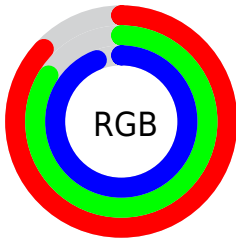
Format	Color
R _Y B	223, 214, 240
Decimal	14669552
CIE Lab	87.00, 7.87, -11.62
CIE LCh	87, 14.031, 304.124
Yxy	70.0064, 0.3019, 0.3013
Android (android.graphics.Color)	4292859632 (0xFFDFD6F0)
YUV	219.6550, 10.0301, 2.9336
Hunter-Lab	83.6698, 3.2159, -6.7526

Details

The CIELCh color **87, 14.031, 304.124** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93, 13.750, 122.948**, 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, 14.270, 304.773** is the 20% darker color. If you saturate the color by 10%, you get **80, 27.436, 304.759**, and if you desaturate by 10%, it is **94, 1.073, 303.496**.

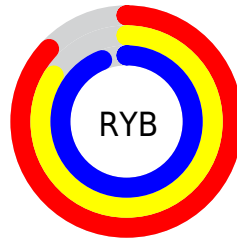
Distribution



Red (87%)

Green (84%)

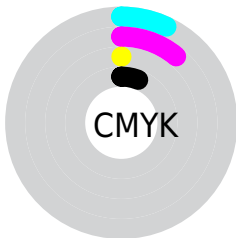
Blue (94%)



Red (87%)

Yellow (84%)

Blue (94%)

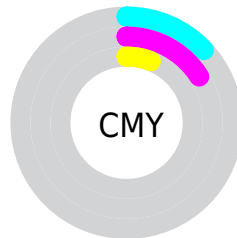


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (13%)


Magenta (16%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 14.031, 304.124 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, 14.031, 304.124 by changing the saturation by 10% instead.


 87, 14.031,
304.124


 87, 14.031,
304.124


 100, 14.031,
304.124


 77, 14.031,
304.124

 67, 14.031,
304.124

 57, 14.031,
304.124

 47, 14.031,
304.124

 37, 14.031,
304.124

 27, 14.031,
304.124

 17, 14.031,

304.124

■ 7, 14.031, 304.124

■ 0, 14.031, 304.124

■ 87, 14.031,
304.124

■ 87, 14.031,
304.124

■ 80, 27.436,
304.759

■ 94, 1.073, 303.496

■ 73, 41.273,
305.468

■ 100, 7.646,
111.504

■ 66, 55.471,
306.240

■ 100, 7.639,
109.596

■ 59, 69.867,
307.052

■ 52, 84.131,

307.855

■ 46, 97.656,
308.562

■ 41, 109.459,
309.040

■ 37, 118.262,
309.123

■ 34, 123.221,
308.814

Harmonies

Complementary

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



87, 14.031, 304.124



93, 13.750, 122.948

Rectangle

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



87, 14.031, 304.124



87, 14.031, 354.124



87, 14.031, 124.124



87, 14.031, 174.124

Sweetspot

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



87, 14.029, 304.121



98, 4.034, 303.662



91, 7.382, 236.757



52, 3.060, 303.710



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, 14.029, 304.121



90, 17.751, 304.256



88, 15.642, 320.278



46, 7.335, 304.040



25, 100.621, 308.980



4, 38.980, 307.315

Inverse Universe

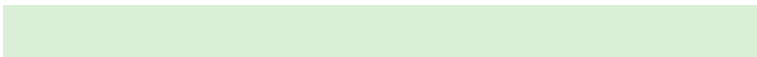
The Inverse Universe completely reimagines the original color for something new.



88, 12.897, 336.963



92, 16.287, 337.135



93, 15.562, 139.288



47, 6.751, 336.857



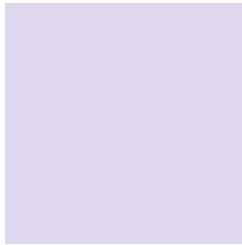
40, 70.167, 348.408



9, 31.528, 344.728

Previews

White Background



This preview shows how the CIELCh color 87, 14.031, 304.124 looks on a white background.

Color Contrast Check

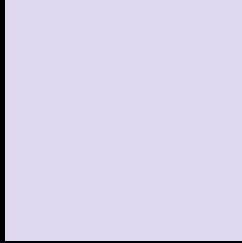
Large Text (above 18pt) WCAG AA × Fail

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, 14.031, 304.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

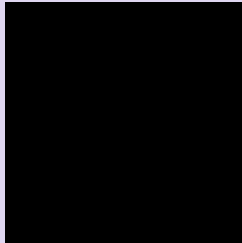
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 14.031, 304.124

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.031, 304.124.



This preview shows how white text looks on a background with the CIELCh color 87, 14.031, 304.124.

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

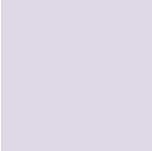
87, 14.031, 304.124

Protanopia

87, 13.099, 289.771

Deuteranopia

87, 15.902, 313.205



Tritanopia
87, 9.280, 306.279

Trichromacy



Original Color
87, 14.031, 304.124

Protanomaly
87, 13.688, 295.628

Deuteranomaly
87, 15.033, 310.206

Tritanomaly
87, 10.801, 304.125

Monochromacy



Original Color
87, 14.031, 304.124

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.847, 303.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.031, 304.124 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(223, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 240)  
}
```

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(223, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.031, 304.124 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(223, 214, 240) }
```

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

```
.border{ border-color:rgb(223, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.031, 304.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 240) }
```

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

```
.background{ background-color: rgb(223,  
214, 240) }
```

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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