

Converting Colors

CIELCh(87, 7.885, 324.677)

Have a look what the booklet for
CIELCh(87, 7.885, 324.677) contains.

CIELCh(87, 8.283, 324.722)	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, 8.283, 324.722)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6E3
RGB	227, 214, 227
RGB Percent	89%, 84%, 89%
CMY	0.1096, 0.1606, 0.1096
CMYK	0.00, 0.06, 0.00, 0.11
HSL	300°, 19%, 86%
HSV	300°, 6%, 89%
XYZ	69.6258, 70.0064, 82.5525
YIQ	219.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

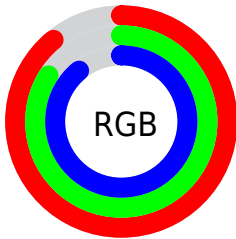
Format	Color
R _Y B	227, 214, 227
Decimal	14931683
CIE Lab	87.00, 6.76, -4.78
CIE LCh	87, 8.283, 324.722
Yxy	70.0064, 0.3134, 0.3151
Android (android.graphics.Color)	4293121763 (0xFFE3D6E3)
YUV	219.3690, 3.7621, 6.6924
Hunter-Lab	83.6698, 2.1165, 0.0706

Details

The CIELCh color $87, 8.283, 324.722$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 8.261, 144.148$, 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 $67, 8.732, 324.823$ is the 20% darker color. If you saturate the color by 10%, you get $81, 22.862, 325.294$, and if you desaturate by 10%, it is $93, 6.112, 144.258$.

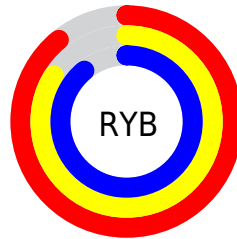
Distribution



Red (89%)

Green (84%)

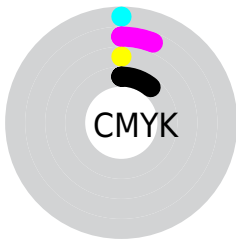
Blue (89%)



Red (89%)

Yellow (84%)

Blue (89%)

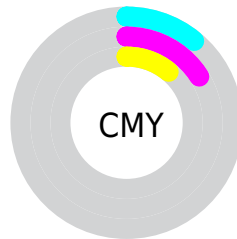


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 8.283, 324.722 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, 8.283, 324.722 by changing the saturation by 10% instead.

87, 8.283, 324.722

87, 8.283, 324.722

100, 8.283,
324.722

77, 8.283, 324.722

67, 8.283, 324.722

57, 8.283, 324.722

47, 8.283, 324.722

37, 8.283, 324.722

27, 8.283, 324.722

17, 8.283, 324.722

7, 8.283, 324.722

0, 8.283, 324.722

87, 8.283, 324.722

87, 8.283, 324.722

81, 22.862,
325.294

93, 6.112, 144.258

76, 37.434,
325.842

97, 17.450,
143.799

71, 51.704,
326.368

97, 17.450,
143.799

67, 65.273,
326.855

97, 17.450,
143.799

63, 77.637,
327.289

97, 17.450,
143.799

59, 88.230,
327.651

97, 17.450,
143.799

57, 96.521,
327.928

97, 17.450,
143.800

55, 102.153,
328.113

97, 17.450,
143.800

■ 54, 105.106,
328.209

■ 97, 17.450,
143.800

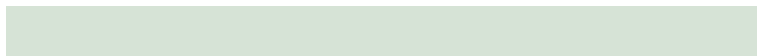
Harmonies

Complementary

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



87, 8.283, 324.722



89, 8.261, 144.148

Rectangle

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



87, 8.283, 324.722



87, 8.283, 14.722



87, 8.283, 144.722



87, 8.283, 194.722

Sweetspot

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



87, 8.281, 324.722



99, 3.176, 324.455



86, 6.827, 290.761



53, 1.806, 324.445



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, 8.281, 324.722



96, 11.134, 324.801



87, 5.822, 344.047



46, 6.637, 324.832



42, 88.428, 328.233



9, 37.108, 328.233

Inverse Universe

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



87, 8.281, 324.722



96, 11.134, 324.801



89, 5.768, 163.256



46, 6.637, 324.832



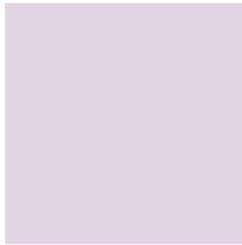
42, 88.428, 328.233



9, 37.108, 328.233

Previews

White Background



This preview shows how the CIELCh color 87, 8.283, 324.722 looks on a white background.

Color Contrast Check

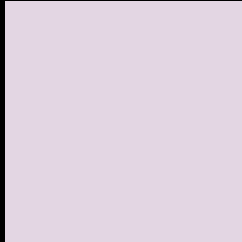
Large Text (above 18pt) WCAG AA × Fail

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 87, 8.283, 324.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

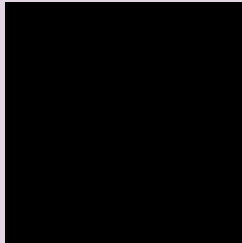
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

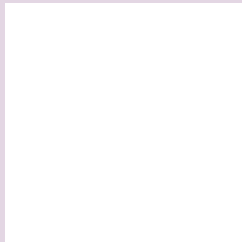
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 8.283, 324.722

Background



This preview shows how black text looks on a background with the CIELCh color 87, 8.283, 324.722.

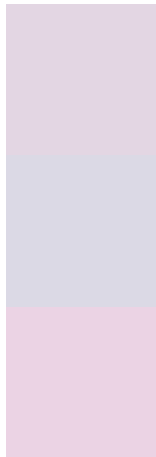


This preview shows how white text looks on a background with the CIELCh color 87, 8.283, 324.722.

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

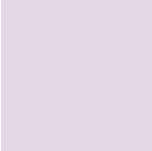
87, 8.283, 324.722

Protanopia

87, 6.337, 297.092

Deuteranopia

87, 12.420, 334.618



Tritanopia
87, 9.793, 321.308

Trichromacy



Original Color
87, 8.283, 324.722

Protanomaly
87, 6.666, 309.281

Deuteranomaly
87, 11.064, 331.035

Tritanomaly
87, 9.350, 322.945

Monochromacy



Original Color
87, 8.283, 324.722

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.196, 324.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 8.283, 324.722 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(227, 214, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 227)  
}
```

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(227, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 8.283, 324.722 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(227, 214, 227) }
```

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

```
.border{ border-color:rgb(227, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 8.283, 324.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 227) }
```

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

```
.background{ background-color: rgb(227,  
214, 227) }
```

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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