

Converting Colors

CIELCh(87, 9.975, 328.214)

Have a look what the booklet for
CIELCh(87, 9.975, 328.214) contains.

CIELCh(87, 9.975, 328.214)	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, 9.975, 328.214)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5E4
RGB	230, 213, 228
RGB Percent	90%, 84%, 89%
CMY	0.0981, 0.1647, 0.1059
CMYK	0.00, 0.07, 0.01, 0.10
HSL	307°, 25%, 87%
HSV	307°, 7%, 90%
XYZ	70.4246, 70.0064, 83.1931
YIQ	219.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

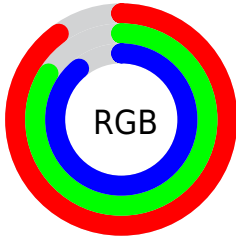
Format	Color
R _{YB}	230, 213, 228
Decimal	15128036
CIE _{Lab}	87.00, 8.48, -5.25
CIE _{LCh}	87, 9.975, 328.214
Yxy	70.0064, 0.3149, 0.3131
Android (android.graphics.Color)	4293318116 (0xFFE6D5E4)
YUV	219.7930, 4.0461, 8.9515
Hunter-Lab	83.6698, 3.8206, -0.3833

Details

The CIELCh color **87, 9.975, 328.214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 9.948, 147.395**, 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, 10.287, 326.652** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.587, 328.828**, and if you desaturate by 10%, it is **93, 3.478, 147.758**.

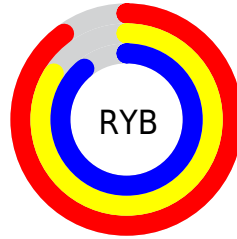
Distribution



Red (90%)

Green (84%)

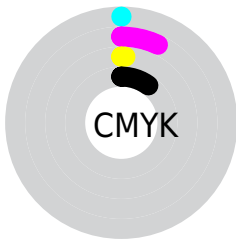
Blue (89%)



Red (90%)

Yellow (84%)

Blue (89%)

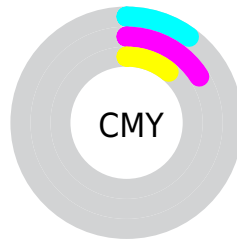


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 9.975, 328.214 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, 9.975, 328.214 by changing the saturation by 10% instead.

87, 9.975, 328.214

87, 9.975, 328.214

100, 9.975,
328.214

77, 9.975, 328.214

67, 9.975, 328.214

57, 9.975, 328.214

47, 9.975, 328.214

37, 9.975, 328.214

27, 9.975, 328.214

17, 9.975, 328.214

7, 9.975, 328.214

0, 9.975, 328.214

87, 9.975, 328.214

87, 9.975, 328.214

81, 23.587,
328.828

93, 3.478, 147.758

76, 37.171,
329.436

98, 14.190,
147.810

71, 50.436,
330.043

98, 13.122,
151.502

66, 62.980,
330.643

98, 12.114,
155.811

62, 74.291,
331.229

98, 11.181,
160.854

59, 83.791,
331.799

98, 10.346,
166.745

56, 90.932,
332.356

98, 9.634, 173.572

54, 95.356,
332.911

98, 9.073, 181.350

98, 8.695, 189.966

■ 53, 97.108,
333.483

Harmonies

Complementary

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



87, 9.975, 328.214



90, 9.948, 147.395

Rectangle

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



87, 9.975, 328.214



87, 9.975, 18.214



87, 9.975, 148.214



87, 9.975, 198.214

Sweetspot

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



87, 9.972, 328.215



99, 2.929, 327.815



86, 8.970, 295.370



53, 1.665, 327.803



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, 9.972, 328.215



94, 13.219, 328.319



87, 7.063, 351.055



45, 7.661, 328.344



41, 80.655, 333.534



8, 34.327, 332.626

Inverse Universe

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



87, 9.972, 328.215



94, 13.219, 328.319



90, 6.947, 169.859



45, 7.661, 328.344



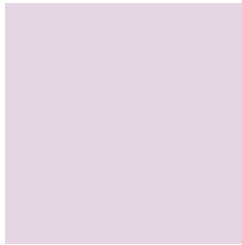
41, 80.655, 333.534



8, 34.327, 332.626

Previews

White Background



This preview shows how the CIELCh color 87, 9.975, 328.214 looks on a white background.

Color Contrast Check

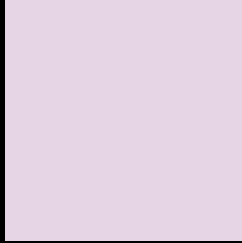
Large Text (above 18pt) WCAG AA × Fail

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, 9.975, 328.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

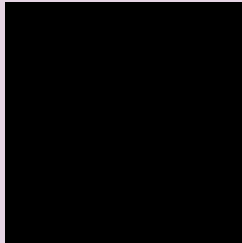
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

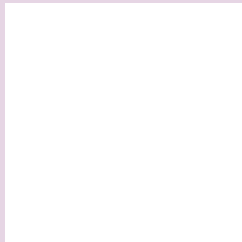
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 9.975, 328.214

Background



This preview shows how black text looks on a background with the CIELCh color 87, 9.975, 328.214.

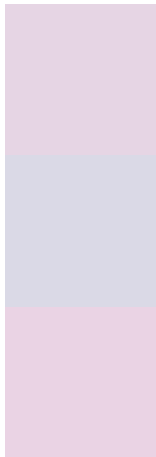


This preview shows how white text looks on a background with the CIELCh color 87, 9.975, 328.214.

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, 9.975, 328.214

Protanopia

87, 6.826, 293.703

Deuteranopia

87, 12.174, 333.370



Tritanopia
87, 10.390, 326.447

Trichromacy



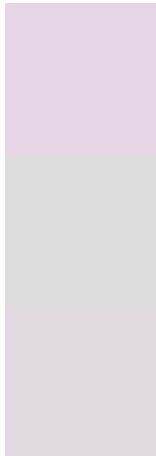
Original Color
87, 9.975, 328.214

Protanomaly
87, 7.163, 307.958

Deuteranomaly
87, 11.300, 332.446

Tritanomaly
87, 10.390, 326.447

Monochromacy



Original Color
87, 9.975, 328.214

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.046, 328.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 9.975, 328.214 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(230, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 228)  
}
```

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(230, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 9.975, 328.214 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(230, 213, 228) }
```

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

```
.border{ border-color:rgb(230, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 9.975, 328.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 228) }
```

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

```
.background{ background-color: rgb(230,  
213, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor