

Converting Colors

CIELCh(87, 6.842, 331.290)

Have a look what the booklet for
CIELCh(87, 6.842, 331.290) contains.

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Color

CIELCh(87, 7.050, 331.942)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6E0
RGB	227, 214, 224
RGB Percent	89%, 84%, 88%
CMY	0.1087, 0.1597, 0.1205
CMYK	0.00, 0.06, 0.01, 0.11
HSL	314°, 19%, 87%
HSV	314°, 6%, 89%
XYZ	69.3757, 70.0064, 80.5754
YIQ	219.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

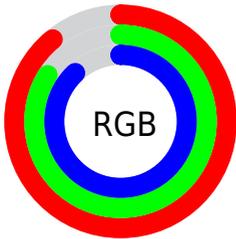
Format	Color
R_{YB}	227, 214, 224
Decimal	14931680
CIE Lab	87.00, 6.22, -3.32
CIE LCh	87, 7.050, 331.942
Yxy	70.0064, 0.3154, 0.3183
Android (android.graphics.Color)	4293121760 (0xFFE3D6E0)
YUV	219.0270, 2.4517, 6.9923
Hunter-Lab	83.6698, 1.5828, 1.4717

Details

The CIELCh color `87, 7.050, 331.942` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 7.021, 151.308`, 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, 7.434, 332.063` is the 20% darker color. If you saturate the color by 10%, you get `81, 19.494, 332.633`, and if you desaturate by 10%, it is `93, 5.205, 151.435`.

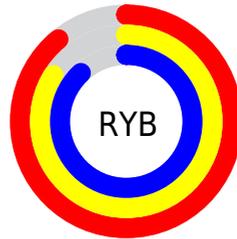
Distribution



Red (89%)

Green (84%)

Blue (88%)



Red (89%)

Yellow (84%)

Blue (88%)

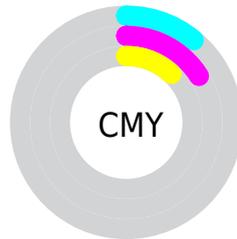


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 7.050, 331.942 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, 7.050, 331.942 by changing the saturation by 10% instead.

■ 87, 7.050, 331.942

■ 87, 7.050, 331.942

■ 100, 7.050,
331.942

■ 77, 7.050, 331.942

■ 67, 7.050, 331.942

■ 57, 7.050, 331.942

■ 47, 7.050, 331.942

■ 37, 7.050, 331.942

■ 27, 7.050, 331.942

■ 17, 7.050, 331.942

■ 7, 7.050, 331.942

■ 0, 7.050, 331.942

87, 7.050, 331.942

87, 7.050, 331.942

81, 19.494,
332.633

93, 5.205, 151.435

76, 31.974,
333.328

98, 14.282,
152.379

71, 44.240,
334.050

98, 12.411,
160.678

66, 55.937,
334.806

98, 10.867,
171.557

61, 66.591,
335.604

98, 9.811, 185.322

98, 9.421, 198.881

58, 75.639,
336.461

55, 82.510,
337.403

53, 86.775,
338.472

■ 52, 88.343,
339.717

Harmonies

Complementary

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



87, 7.050, 331.942



89, 7.021, 151.308

Rectangle

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



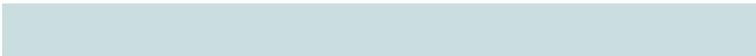
87, 7.050, 331.942



87, 7.050, 21.942



87, 7.050, 151.942



87, 7.050, 201.942

Sweetspot

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



87, 7.048, 331.944



99, 2.702, 331.617



86, 6.912, 299.018



53, 1.536, 331.603



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, 7.048, 331.944



96, 9.478, 332.039



87, 5.108, 357.557



46, 5.650, 332.076



40, 74.065, 340.057



8, 31.881, 337.841

Inverse Universe

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



87, 7.048, 331.944



96, 9.478, 332.039



89, 5.014, 176.708



46, 5.650, 332.076



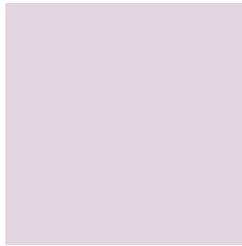
40, 74.065, 340.057



8, 31.881, 337.841

Previews

White Background



This preview shows how the CIELCh color 87, 7.050, 331.942 looks on a white background.

Color Contrast Check

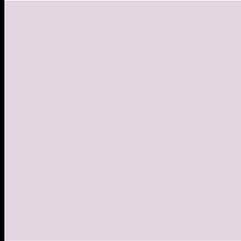
Large Text (above 18pt) WCAG AA × Fail

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, 7.050, 331.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

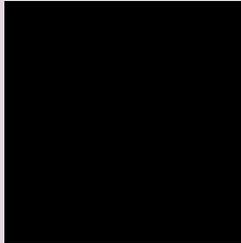
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

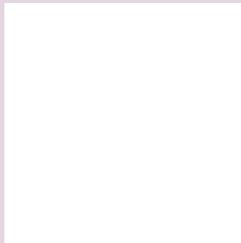
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 7.050, 331.942

Background



This preview shows how black text looks on a background with the CIELCh color 87, 7.050, 331.942.



This preview shows how white text looks on a background with the CIELCh color 87, 7.050, 331.942.

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, 7.050, 331.942

Protanopia

87, 4.781, 299.106

Deuteranopia

87, 11.647, 341.361



Tritanopia
87, 10.432, 321.543

Trichromacy



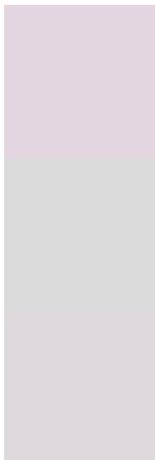
Original Color
87, 7.050, 331.942

Protanomaly
87, 5.206, 314.798

Deuteranomaly
87, 10.205, 338.386

Tritanomaly
87, 9.554, 324.773

Monochromacy



Original Color
87, 7.050, 331.942

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.780, 330.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 7.050, 331.942 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 7.050, 331.942 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, 224) }
```

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

```
.border{ border-color:rgb(227, 214, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 7.050, 331.942 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, 224) }
```

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

```
.background{ background-color: rgb(227,  
214, 224) }
```

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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