

Converting Colors

CIELCh(88, 7.008, 311.944)

Have a look what the booklet for
CIELCh(88, 7.008, 311.944) contains.

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Color

CIELCh(88, 7.267, 310.622)

Conversions

Conversions Part 1

Format	Color
Hex	E1DAE7
RGB	225, 218, 231
RGB Percent	88%, 85%, 91%
CMY	0.1169, 0.1443, 0.0933
CMYK	0.03, 0.06, 0.00, 0.09
HSL	272°, 21%, 88%
HSV	272°, 6%, 91%
XYZ	70.6877, 72.0653, 85.9331
YIQ	221.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

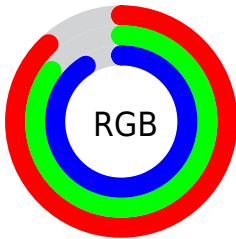
Format	Color
R _Y B	225, 218, 231
Decimal	14801639
CIE Lab	88.00, 4.73, -5.52
CIE LCh	88, 7.267, 310.622
Yxy	72.0653, 0.3091, 0.3151
Android (android.graphics.Color)	4292991719 (0xFFE1DAE7)
YUV	221.5750, 4.6465, 3.0037
Hunter-Lab	84.8913, 0.0745, -0.5937

Details

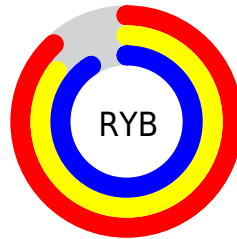
The CIELCh color `88, 7.267, 310.622` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 7.198, 130.178`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 7.147, 312.190` is the 20% darker color. If you saturate the color by 10%, you get `81, 20.453, 311.087`, and if you desaturate by 10%, it is `95, 5.555, 130.246`.

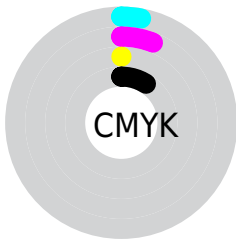
Distribution



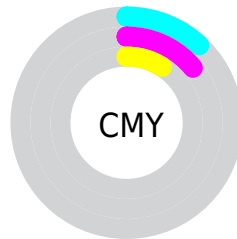
- Red (88%)
- Green (85%)
- Blue (91%)



- Red (88%)
- Yellow (85%)
- Blue (91%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 7.267, 310.622 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 88, 7.267, 310.622 by changing the saturation by 10% instead.

88, 7.267, 310.622

88, 7.267, 310.622

100, 7.267,
310.622

78, 7.267, 310.622

68, 7.267, 310.622

58, 7.267, 310.622

48, 7.267, 310.622

38, 7.267, 310.622

28, 7.267, 310.622

18, 7.267, 310.622

8, 7.267, 310.622

0, 7.267, 310.622

88, 7.267, 310.622

88, 7.267, 310.622

81, 20.453,
311.087

95, 5.555, 130.246

75, 33.964,
311.579

99, 12.464,
123.374

68, 47.698,
312.088

99, 12.046,
109.267

62, 61.471,
312.592

56, 74.968,
313.051

51, 87.685,
313.408

46, 98.893,
313.577

42, 107.702,
313.455

■ 39,113.334,
312.943

Harmonies

Complementary

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



88, 7.267, 310.622



91, 7.198, 130.178

Rectangle

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



88, 7.267, 310.622



88, 7.267, 0.622



88, 7.267, 130.622



88, 7.267, 180.622

Sweetspot

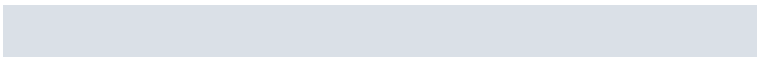
The Sweet Spot groups the original color and five complimentary colors.



88, 7.265, 310.618



99, 2.791, 310.426



89, 4.163, 259.757



53, 1.587, 310.419



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 7.265, 310.618



95, 9.811, 310.684



88, 8.068, 325.619



45, 5.850, 310.709



29, 94.672, 312.833



4, 35.860, 312.402

Inverse Universe

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



88, 5.655, 346.168



95, 7.637, 346.309



90, 8.048, 145.054



46, 4.554, 346.361



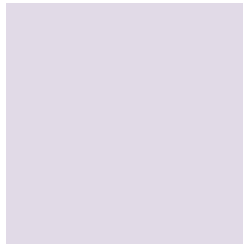
38, 64.611, 5.552



7, 27.277, 357.860

Previews

White Background



This preview shows how the CIELCh color 88, 7.267, 310.622 looks on a white background.

Color Contrast Check

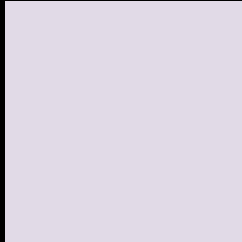
Large Text (above 18pt) WCAG AA × Fail

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 88, 7.267, 310.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

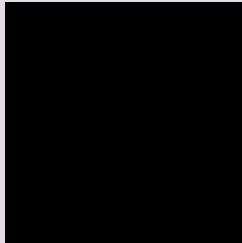
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

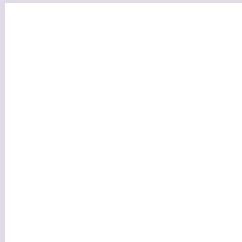
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 7.267, 310.622

Background



This preview shows how black text looks on a background with the CIELCh color 88, 7.267, 310.622.

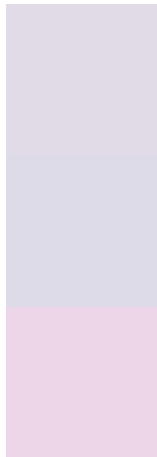


This preview shows how white text looks on a background with the CIELCh color 88, 7.267, 310.622.

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

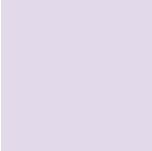
88, 7.267, 310.622

Protanopia

88, 6.846, 296.634

Deuteranopia

88, 12.526, 331.731



Tritanopia
88, 9.359, 308.353

Trichromacy



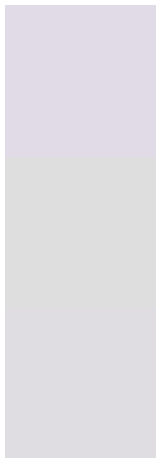
Original Color
88, 7.267, 310.622

Protanomaly
88, 6.962, 302.404

Deuteranomaly
88, 10.364, 326.442

Tritanomaly
88, 8.863, 309.357

Monochromacy



Original Color
88, 7.267, 310.622

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 2.223, 309.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 7.267, 310.622 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(225, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 231)  
}
```

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(225, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 7.267, 310.622 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(225, 218, 231) }
```

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

```
.border{ border-color:rgb(225, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 7.267, 310.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 231) }
```

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

```
.background{ background-color: rgb(225,  
218, 231) }
```

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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