

Converting Colors

CIELCh(88, 9.342, 325.760)

Have a look what the booklet for
CIELCh(88, 9.342, 325.760) contains.

CIELCh(88, 9.530, 324.769)	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(88, 9.530, 324.769)

Conversions

Conversions Part 1

Format	Color
Hex	E7D8E7
RGB	231, 216, 231
RGB Percent	91%, 85%, 91%
CMY	0.0931, 0.1519, 0.0931
CMYK	0.00, 0.06, 0.00, 0.09
HSL	300°, 24%, 88%
HSV	300°, 6%, 91%
XYZ	72.1265, 72.0653, 85.9077
YIQ	222.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

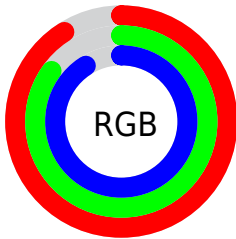
Format	Color
RYB	231, 216, 231
Decimal	15194343
CIELab	88.00, 7.78, -5.50
CIELCh	88, 9.530, 324.769
Yxy	72.0653, 0.3135, 0.3132
Android (android.graphics.Color)	4293384423 (0xFFE7D8E7)
YUV	222.1950, 4.3409, 7.7220
Hunter-Lab	84.8913, 3.1000, -0.5760

Details

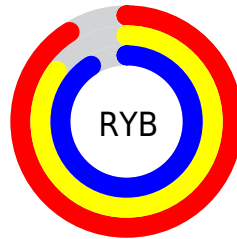
The CIELCh color **88, 9.530, 324.769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 9.508, 144.099**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 9.376, 324.849** is the 20% darker color. If you saturate the color by 10%, you get **82, 24.336, 325.338**, and if you desaturate by 10%, it is **94, 5.101, 144.309**.

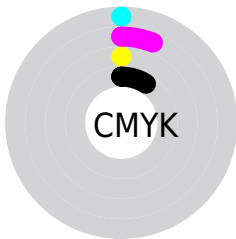
Distribution



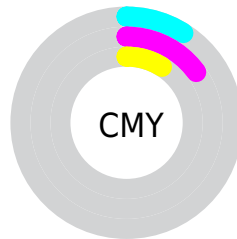
- Red (91%)
- Green (85%)
- Blue (91%)



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



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



- Cyan (9%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.530, 324.769 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, 9.530, 324.769 by changing the saturation by 10% instead.

■ 88, 9.530, 324.769

■ 88, 9.530, 324.769

■ 100, 9.530,
324.769

■ 78, 9.530, 324.769

■ 68, 9.530, 324.769

■ 58, 9.530, 324.769

■ 48, 9.530, 324.769

■ 38, 9.530, 324.769

■ 28, 9.530, 324.769

■ 18, 9.530, 324.769

■ 8, 9.530, 324.769

■ 0, 9.530, 324.769

88, 9.530, 324.769

88, 9.530, 324.769

82, 24.336,
325.338

94, 5.101, 144.309

77, 39.115,
325.885

98, 14.800,
143.911

72, 53.559,
326.409

98, 14.800,
143.912

67, 67.253,
326.894

98, 14.800,
143.912

63, 79.678,
327.322

98, 14.799,
143.913

60, 90.256,
327.678

98, 14.799,
143.914

58, 98.456,
327.948

98, 14.799,
143.915

56, 103.937,
328.125

98, 14.798,
143.916

■ 55,106.722,
328.214

■ 98,14.798,
143.917

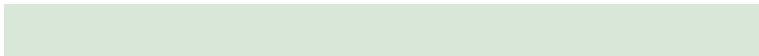
Harmonies

Complementary

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



88, 9.530, 324.769



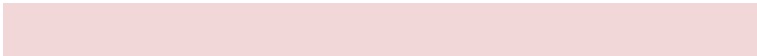
90, 9.508, 144.099

Rectangle

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



88, 9.530, 324.769



88, 9.530, 14.769



88, 9.530, 144.769



88, 9.530, 194.769

Sweetspot

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



88, 9.527, 324.769



99, 3.176, 324.456



87, 7.863, 290.841



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.



88, 9.527, 324.769



95, 12.732, 324.861



88, 6.702, 344.121



45, 8.306, 324.942



42, 88.426, 328.234



9, 37.107, 328.234

Inverse Universe

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



88, 9.527, 324.769



95, 12.732, 324.861



90, 6.636, 163.182



45, 8.306, 324.942



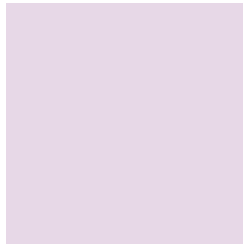
42, 88.426, 328.234



9, 37.107, 328.234

Previews

White Background



This preview shows how the CIELCh color 88, 9.530, 324.769 looks on a white background.

Color Contrast Check

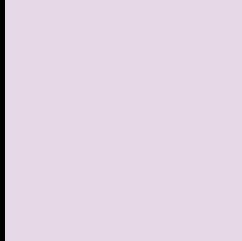
Large Text (above 18pt) WCAG AA × Fail

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 88, 9.530, 324.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

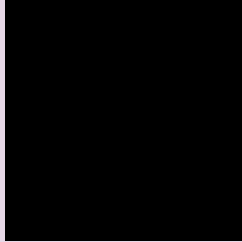
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

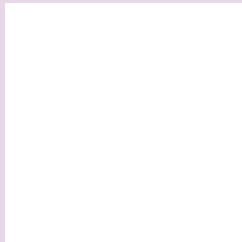
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.530, 324.769

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.530, 324.769.

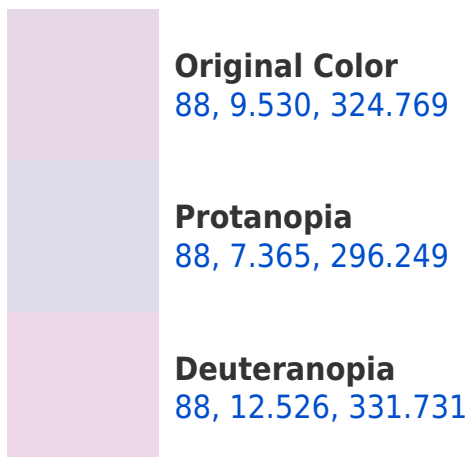


This preview shows how white text looks on a background with the CIELCh color 88, 9.530, 324.769.

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](#).

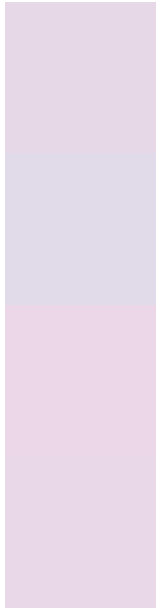
Dichromacy





Tritanopia
88, 10.593, 323.205

Trichromacy



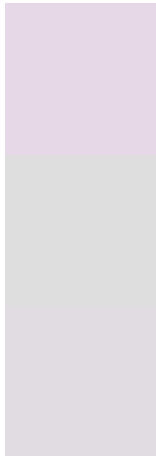
Original Color
88, 9.530, 324.769

Protanomaly
88, 7.759, 309.318

Deuteranomaly
88, 11.433, 329.324

Tritanomaly
88, 10.160, 324.793

Monochromacy



Original Color
88, 9.530, 324.769

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 3.188, 324.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.530, 324.769 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(231, 216, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 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(231, 216, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.530, 324.769 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(231, 216, 231) }
```

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

```
.border{ border-color:rgb(231, 216, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 216, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.530, 324.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 231) }
```

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

```
.background{ background-color: rgb(231,  
216, 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](#).

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