

Converting Colors

CIELCh(89, 14.298, 325.179)

Have a look what the booklet for
CIELCh(89, 14.298, 325.179)
contains.

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Color

CIELCh(89, 13.910, 324.928)

Conversions

Conversions Part 1

Format	Color
Hex	EFD9EF
RGB	239, 217, 239
RGB Percent	94%, 85%, 94%
CMY	0.0630, 0.1492, 0.0630
CMYK	0.00, 0.09, 0.00, 0.06
HSL	300°, 41%, 89%
HSV	300°, 9%, 94%
XYZ	75.9451, 74.1641, 91.9270
YIQ	226.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

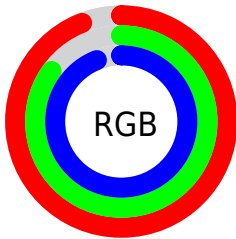
Format	Color
R _Y B	239, 217, 239
Decimal	15718895
CIE Lab	89.00, 11.38, -7.99
CIE LCh	89, 13.910, 324.928
Yxy	74.1641, 0.3138, 0.3064
Android (android.graphics.Color)	4293908975 (0xFFEFD9EF)
YUV	226.0860, 6.3666, 11.3256
Hunter-Lab	86.1186, 6.7056, -3.0059

Details

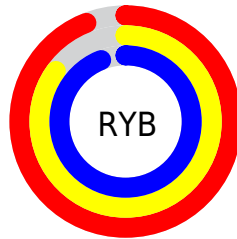
The CIELCh color `89, 13.910, 324.928` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 13.886, 143.919`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 13.975, 325.046` is the 20% darker color. If you saturate the color by 10%, you get `83, 29.130, 325.490`, and if you desaturate by 10%, it is `95, 1.181, 144.650`.

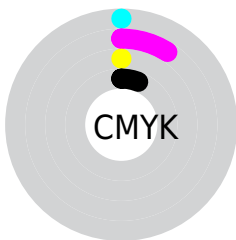
Distribution



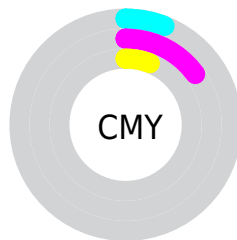
- Red (94%)
- Green (85%)
- Blue (94%)



- Red (94%)
- Yellow (85%)
- Blue (94%)



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



- Cyan (6%)
- Magenta (15%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 13.910, 324.928 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 89, 13.910, 324.928 by changing the saturation by 10% instead.


 89, 13.910,
324.928

 89, 13.910,
324.928


 100, 13.910,
324.928


 79, 13.910,
324.928


 69, 13.910,
324.928

 59, 13.910,
324.928

 49, 13.910,
324.928

 39, 13.910,
324.928

 29, 13.910,
324.928

 19, 13.910,

324.928

■ 9, 13.910, 324.928

■ 0, 13.910, 324.928

■ 89, 13.910,
324.928

■ 89, 13.910,
324.928

■ 83, 29.130,
325.490

■ 95, 1.181, 144.650

■ 78, 44.247,
326.033

■ 98, 9.992, 144.108

■ 98, 9.991, 144.109

■ 73, 58.912,
326.548

■ 98, 9.991, 144.109

■ 68, 72.667,
327.020


■ 98, 9.991, 144.110

■ 98, 9.991, 144.110


■ 64, 84.951,

327.430


 98, 9.991, 144.110


 61, 95.170,
327.763

 98, 9.991, 144.111

 59, 102.815,
328.007

 98, 9.991, 144.111

 57, 107.624,
328.159

 57, 109.877,
328.229

Harmonies

Complementary

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



89, 13.910, 324.928



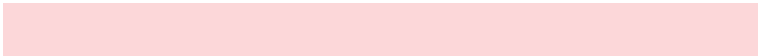
92, 13.886, 143.919

Rectangle

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



89, 13.910, 324.928



89, 13.910, 14.928



89, 13.910, 144.928



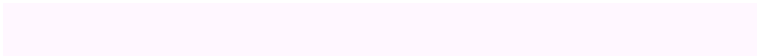
89, 13.910, 194.928

Sweetspot

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



89, 13.907, 324.928



98, 4.763, 324.543



87, 11.517, 291.136



52, 3.611, 324.601



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 13.907, 324.928



93, 17.537, 325.033



89, 9.799, 344.378



47, 8.608, 324.944



44, 90.296, 328.233



10, 39.418, 328.233

Inverse Universe

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



89, 13.907, 324.928



93, 17.537, 325.033



93, 9.677, 162.925



47, 8.608, 324.944



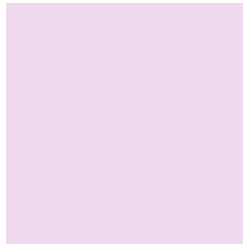
44, 90.296, 328.233



10, 39.418, 328.233

Previews

White Background



This preview shows how the CIELCh color 89, 13.910, 324.928 looks on a white background.

Color Contrast Check

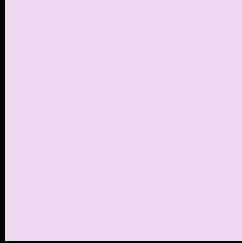
Large Text (above 18pt) WCAG AA × Fail

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 89, 13.910, 324.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

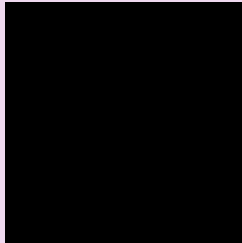
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

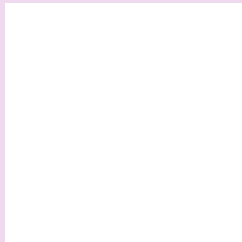
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 13.910, 324.928

Background



This preview shows how black text looks on a background with the CIELCh color 89, 13.910, 324.928.



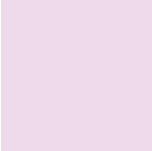
This preview shows how white text looks on a background with the CIELCh color 89, 13.910, 324.928.

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
89, 11.405, 329.317

Trichromacy



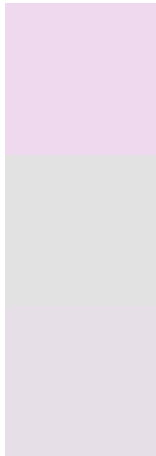
Original Color
89, 13.910, 324.928

Protanomaly
89, 11.346, 305.253

Deuteranomaly
89, 13.716, 323.682

Tritanomaly
89, 11.812, 327.732

Monochromacy



Original Color
89, 13.910, 324.928

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.075, 324.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 13.910, 324.928 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(239, 217, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 239)  
}
```

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(239, 217, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 13.910, 324.928 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(239, 217, 239) }
```

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

```
.border{ border-color:rgb(239, 217, 239) }
```

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

Here you see how a box with a 4 pixel rgb(239, 217, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 13.910, 324.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 239) }
```

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

```
.background{ background-color: rgb(239,  
217, 239) }
```

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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