

Converting Colors

CIELCh(89, 9.890, 336.945)

Have a look what the booklet for
CIELCh(89, 9.890, 336.945) contains.

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Color

CIELCh(89, 9.890, 336.945)

Conversions

Conversions Part 1

Format	Color
Hex	EEDA E7
RGB	238, 218, 231
RGB Percent	93%, 85%, 91%
CMY	0.0663, 0.1447, 0.0937
CMYK	0.00, 0.08, 0.03, 0.07
HSL	321°, 37%, 89%
HSV	321°, 8%, 93%
XYZ	74.8289, 74.1641, 86.0467
YIQ	225.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

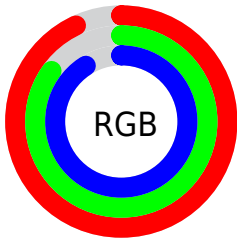
Format	Color
R _Y B	238, 218, 231
Decimal	15653607
CIE Lab	89.00, 9.10, -3.87
CIE LCh	89, 9.890, 336.945
Yxy	74.1641, 0.3184, 0.3155
Android (android.graphics.Color)	4293843687 (0xFFEEDA E7)
YUV	225.4620, 2.7302, 10.9958
Hunter-Lab	86.1186, 4.3920, 1.0425

Details

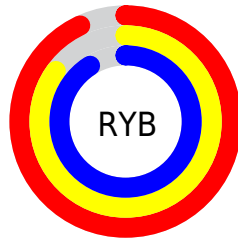
The CIELCh color `89, 9.890, 336.945` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 9.827, 155.808`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 9.767, 337.915` is the 20% darker color. If you saturate the color by 10%, you get `83, 21.819, 337.737`, and if you desaturate by 10%, it is `95, 1.854, 156.493`.

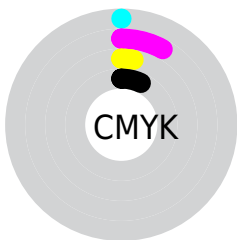
Distribution



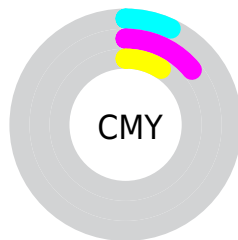
- Red (93%)
- Green (85%)
- Blue (91%)



- Red (93%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 9.890, 336.945 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, 9.890, 336.945 by changing the saturation by 10% instead.

 89, 9.890, 336.945

 89, 9.890, 336.945

 100, 9.890,
336.945

 79, 9.890, 336.945

 69, 9.890, 336.945

 59, 9.890, 336.945

 49, 9.890, 336.945

 39, 9.890, 336.945

 29, 9.890, 336.945


 19, 9.890, 336.945

 9, 9.890, 336.945


 0, 9.890, 336.945

 89, 9.890, 336.945


 89, 9.890, 336.945

 83, 21.819,
337.737

 95, 1.854, 156.493


 77, 33.774,
338.573


 99, 6.978, 167.231


 72, 45.489,
339.481


 99, 5.805, 199.152

 67, 56.583,
340.485

 62, 66.550,
341.619

 59, 74.797,
342.935

 56, 80.748,
344.507

 54, 84.031,
346.430

■ 53, 84.778,
348.792

Harmonies

Complementary

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



89, 9.890, 336.945



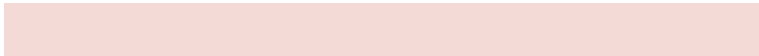
92, 9.827, 155.808

Rectangle

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



89, 9.890, 336.945



89, 9.890, 26.945



89, 9.890, 156.945



89, 9.890, 206.945

Sweetspot

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



89, 9.887, 336.948



98, 3.718, 336.484



88, 10.771, 304.118



52, 2.820, 336.565



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, 9.887, 336.948



94, 12.463, 337.076



89, 7.446, 7.811



47, 6.732, 337.033



40, 70.011, 348.729



9, 31.459, 344.982

Inverse Universe

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



89, 9.887, 336.948



94, 12.463, 337.076



93, 7.165, 186.509



47, 6.732, 337.033



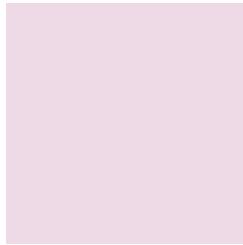
40, 70.011, 348.729



9, 31.459, 344.982

Previews

White Background



This preview shows how the CIELCh color 89, 9.890, 336.945 looks on a white background.

Color Contrast Check

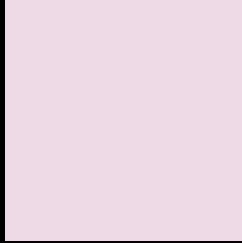
Large Text (above 18pt) WCAG AA × Fail

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 89, 9.890, 336.945 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, 9.890, 336.945

Background



This preview shows how black text looks on a background with the CIELCh color 89, 9.890, 336.945.



This preview shows how white text looks on a background with the CIELCh color 89, 9.890, 336.945.

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](#).

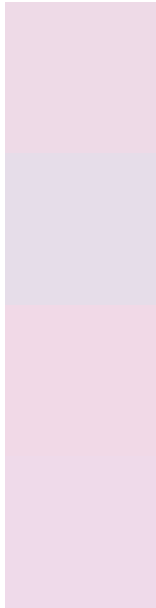
Dichromacy





Tritanopia
89, 11.632, 330.712

Trichromacy



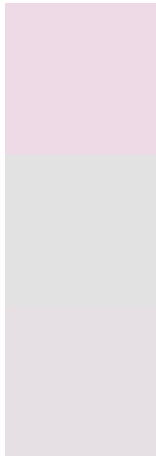
Original Color
89, 9.890, 336.945

Protanomaly
89, 7.058, 317.483

Deuteranomaly
89, 11.312, 340.155

Tritanomaly
89, 11.244, 332.431

Monochromacy



Original Color
89, 9.890, 336.945

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 3.635, 333.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 9.890, 336.945 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(238, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 218, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 9.890, 336.945 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(238, 218, 231) }
```

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

```
.border{ border-color:rgb(238, 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(238, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(238, 218,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 9.890, 336.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 218, 231) }
```

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

```
.background{ background-color: rgb(238,  
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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