

Converting Colors

CIELCh(89, 9.009, 336.158)

Have a look what the booklet for
CIELCh(89, 9.009, 336.158) contains.

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Color

CIELCh(89, 9.009, 336.158)

Conversions

Conversions Part 1

Format	Color
Hex	EDDBE7
RGB	237, 219, 231
RGB Percent	93%, 86%, 91%
CMY	0.0720, 0.1426, 0.0955
CMYK	0.00, 0.08, 0.03, 0.07
HSL	320°, 33%, 89%
HSV	320°, 8%, 93%
XYZ	74.4116, 74.1641, 85.7239
YIQ	225.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

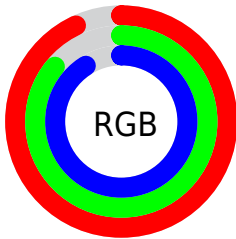
Format	Color
RYB	237, 219, 231
Decimal	15588327
CIELab	89.00, 8.24, -3.64
CIELCh	89, 9.009, 336.158
Yxy	74.1641, 0.3176, 0.3165
Android (android.graphics.Color)	4293778407 (0xFFEDDBE7)
YUV	225.7500, 2.5882, 9.8663
Hunter-Lab	86.1186, 3.5270, 1.2648

Details

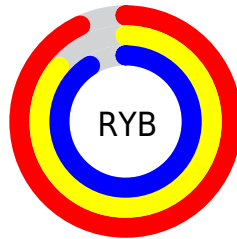
The CIELCh color $89, 9.009, 336.158$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $92, 8.957, 155.165$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 8.837, 337.140$ is the 20% darker color. If you saturate the color by 10%, you get $83, 21.005, 336.933$, and if you desaturate by 10%, it is $95, 2.797, 155.649$.

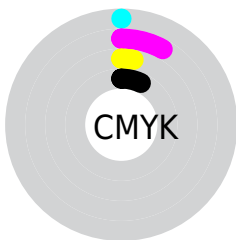
Distribution



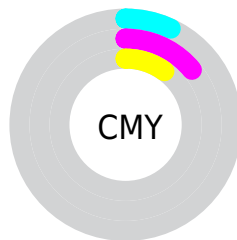
- Red (93%)
- Green (86%)
- Blue (91%)



- Red (93%)
- Yellow (86%)
- Blue (91%)



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



- Cyan (7%)
- Magenta (14%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 9.009, 336.158 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, 9.009, 336.158 by changing the saturation by 10% instead.

 89, 9.009, 336.158

 89, 9.009, 336.158

 100, 9.009,
336.158

 79, 9.009, 336.158

 69, 9.009, 336.158

 59, 9.009, 336.158

 49, 9.009, 336.158

 39, 9.009, 336.158

 29, 9.009, 336.158

 19, 9.009, 336.158

 9, 9.009, 336.158

 0, 9.009, 336.158

89, 9.009, 336.158

89, 9.009, 336.158

83, 21.005,
336.933

95, 2.797, 155.649

77, 33.035,
337.744

98, 7.797, 164.888

72, 44.841,
338.619

99, 6.325, 195.886

67, 56.050,
339.578

99, 6.301, 199.111

62, 66.165,
340.651

59, 74.598,
341.883

56, 80.770,
343.340

54, 84.282,
345.107

■ 52, 85.179,
347.273

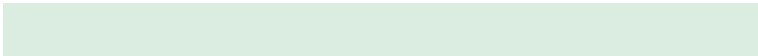
Harmonies

Complementary

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



89, 9.009, 336.158



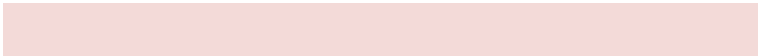
92, 8.957, 155.165

Rectangle

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



89, 9.009, 336.158



89, 9.009, 26.158



89, 9.009, 156.158



89, 9.009, 206.158

Sweetspot

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



89, 9.006, 336.161



99, 2.509, 335.642



88, 9.665, 303.465



53, 1.427, 335.626



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, 9.006, 336.161



94, 11.341, 336.272



89, 6.723, 6.428



46, 6.693, 336.305



40, 69.959, 347.383



8, 30.879, 343.739

Inverse Universe

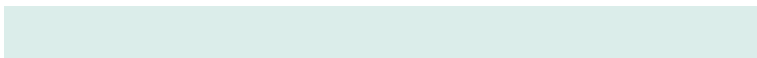
The Inverse Universe completely reimagines the original color for something new.



89, 9.006, 336.161



94, 11.341, 336.272



92, 6.503, 185.260



46, 6.693, 336.305



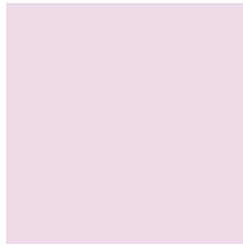
40, 69.959, 347.383



8, 30.879, 343.739

Previews

White Background



This preview shows how the CIELCh color 89, 9.009, 336.158 looks on a white background.

Color Contrast Check

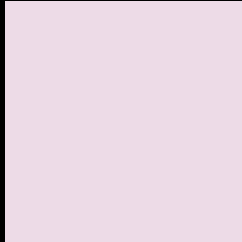
Large Text (above 18pt) WCAG AA × Fail

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, 9.009, 336.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

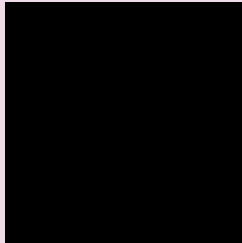
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

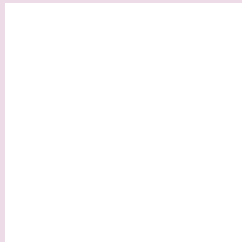
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 9.009, 336.158

Background



This preview shows how black text looks on a background with the CIELCh color 89, 9.009, 336.158.

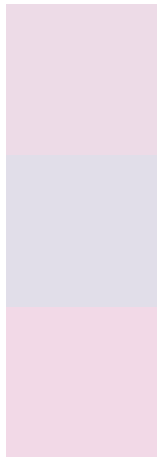


This preview shows how white text looks on a background with the CIELCh color 89, 9.009, 336.158.

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

89, 9.009, 336.158

Protanopia

89, 5.851, 301.051

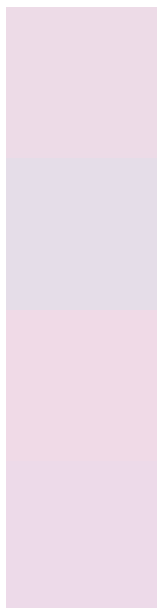
Deuteranopia

89, 11.589, 341.339



Tritanopia
89, 11.186, 327.870

Trichromacy



Original Color
89, 9.009, 336.158

Protanomaly
89, 6.433, 316.757

Deuteranomaly
89, 10.424, 339.722

Tritanomaly
89, 10.386, 331.369

Monochromacy



Original Color
89, 9.009, 336.158

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 3.012, 335.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 9.009, 336.158 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(237, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 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(237, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 9.009, 336.158 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(237, 219, 231) }
```

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

```
.border{ border-color:rgb(237, 219, 231) }
```

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

Here you see how a box with a 4 pixel rgb(237, 219, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 9.009, 336.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 231) }
```

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

```
.background{ background-color: rgb(237,  
219, 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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