

Converting Colors

CIE LCh(89, 3.175, 324.447)

Have a look what the booklet for
CIELCh(89, 3.175, 324.447) contains.

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Color

CIELCh(89, 3.182, 324.474)

Conversions

Conversions Part 1

Format	Color
Hex	E3DEE3
RGB	227, 222, 227
RGB Percent	89%, 87%, 89%
CMY	0.1096, 0.1292, 0.1096
CMYK	0.00, 0.02, 0.00, 0.11
HSL	300°, 8%, 88%
HSV	300°, 2%, 89%
XYZ	71.7078, 74.1641, 83.2517
YIQ	224.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

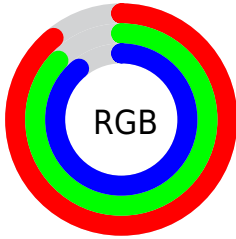
Format	Color
R_{YB}	227, 222, 227
Decimal	14933731
CIE Lab	89.00, 2.59, -1.85
CIE LCh	89, 3.182, 324.474
Yxy	74.1641, 0.3130, 0.3237
Android (android.graphics.Color)	4293123811 (0xFFE3DDE3)
YUV	224.0650, 1.4470, 2.5740
Hunter-Lab	86.1186, -2.0772, 2.9668

Details

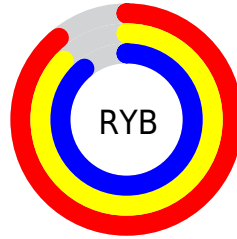
The CIELCh color $89, 3.182, 324.474$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 3.161, 144.409$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 3.351, 324.530$ is the 20% darker color. If you saturate the color by 10%, you get $83, 17.713, 325.096$, and if you desaturate by 10%, it is $95, 11.114, 144.047$.

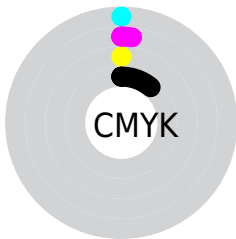
Distribution



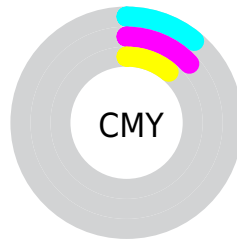
- Red (89%)
- Green (87%)
- Blue (89%)



- Red (89%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.182, 324.474 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, 3.182, 324.474 by changing the saturation by 10% instead.

■ 89, 3.182, 324.474

■ 89, 3.182, 324.474

100, 3.182,
324.474

■ 79, 3.182, 324.474

■ 69, 3.182, 324.474

■ 59, 3.182, 324.474

■ 49, 3.182, 324.474

■ 39, 3.182, 324.474

■ 29, 3.182, 324.474

■ 19, 3.182, 324.474

■ 9, 3.182, 324.474

■ 0, 3.182, 324.474

89, 3.182, 324.474

89, 3.182, 324.474

83, 17.713,
325.096

95, 11.114,
144.047

78, 32.317,
325.651

97, 17.445,
143.799

73, 46.734,
326.186

97, 17.445,
143.799

68, 60.603,
326.689

97, 17.445,
143.799

64, 73.455,
327.143

97, 17.444,
143.799

60, 84.738,
327.532

97, 17.444,
143.799

58, 93.893,
327.840

97, 17.444,
143.799

56, 100.485,
328.058

97, 17.444,
143.799

■ 54, 104.358,
328.184

■ 97, 17.444,
143.799

Harmonies

Complementary

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



89, 3.182, 324.474



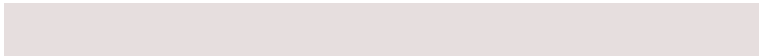
90, 3.161, 144.409

Rectangle

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



89, 3.182, 324.474



89, 3.182, 14.474



89, 3.182, 144.474



89, 3.182, 194.474

Sweetspot

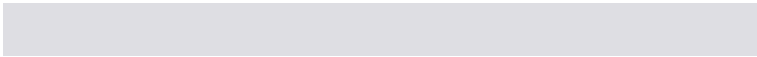
The Sweet Spot groups the original color and five complimentary colors.



89, 3.180, 324.474



99, 1.592, 324.303



89, 2.569, 289.757



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

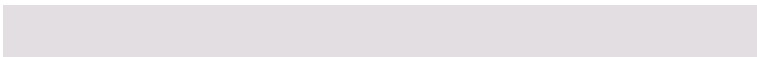
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 3.180, 324.474



98, 4.763, 324.543



89, 2.257, 342.746



47, 3.312, 324.598



42, 88.428, 328.232



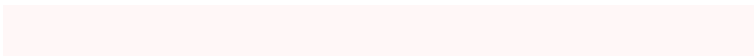
9, 37.108, 328.232

Inverse Universe

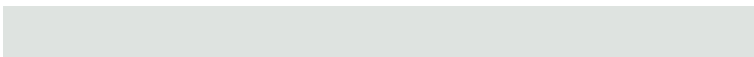
The Inverse Universe completely reimagines the original color for something new.



89, 1.798, 19.201



98, 2.702, 19.342



90, 2.237, 162.784



47, 1.884, 19.439



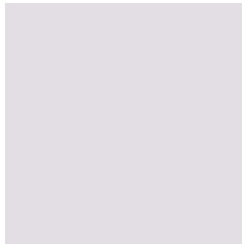
37, 79.984, 39.972



6, 27.105, 21.758

Previews

White Background



This preview shows how the CIELCh color 89, 3.182, 324.474 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, 3.182, 324.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

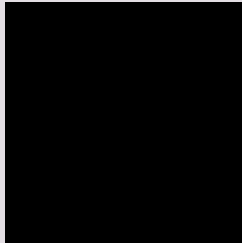
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

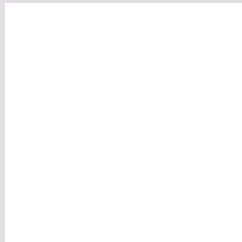
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.182, 324.474

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.182, 324.474.

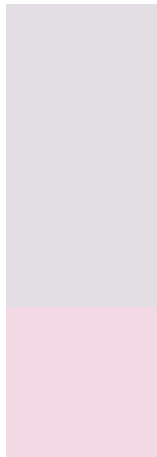


This preview shows how white text looks on a background with the CIELCh color 89, 3.182, 324.474.

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, 3.182, 324.474

Protanopia

89, 2.993, 318.832

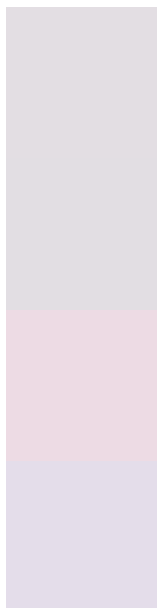
Deuteranopia

89, 11.010, 348.941



Tritanopia
89, 9.949, 309.392

Trichromacy



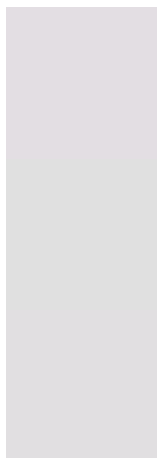
Original Color
89, 3.182, 324.474

Protanomaly
89, 2.993, 318.832

Deuteranomaly
89, 8.016, 344.227

Tritanomaly
89, 7.249, 310.618

Monochromacy



Original Color
89, 3.182, 324.474

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.279, 324.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 3.182, 324.474 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(227, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 227)  
}
```

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(227, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.182, 324.474 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(227, 222, 227) }
```

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

```
.border{ border-color:rgb(227, 222, 227) }
```

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

Here you see how a box with a 4 pixel rgb(227, 222, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.182, 324.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 227) }
```

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

```
.background{ background-color: rgb(227,  
222, 227) }
```

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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