

Converting Colors

CIELCh(89, 4.352, 197.526)

Have a look what the booklet for
CIELCh(89, 4.352, 197.526) contains.

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Color

CIELCh(89, 4.231, 199.254)

Conversions

Conversions Part 1	
Format	Color
Hex	D6E2E2
RGB	214, 226, 226
RGB Percent	84%, 89%, 89%
CMY	0.1609, 0.1138, 0.1138
CMYK	0.05, 0.00, 0.00, 0.11
HSL	180°, 17%, 86%
HSV	180°, 5%, 89%
XYZ	68.6408, 74.1641, 82.6336
YIQ	222.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

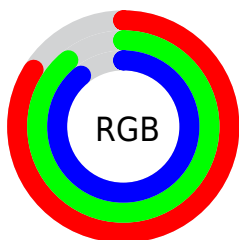
Format	Color
RYB	214, 220, 226
Decimal	14082786
CIELab	89.00, -3.99, -1.40
CIELCh	89, 4.231, 199.254
Yxy	74.1641, 0.3045, 0.3290
Android (android.graphics.Color)	4292272866 (0xFFD6E2E2)
YUV	222.4120, 1.7689, -7.3773
Hunter-Lab	86.1186, -8.4341, 3.3923

Details

The CIELCh color **89, 4.231, 199.254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 4.376, 19.568**, 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, 4.441, 199.136** is the 20% darker color. If you saturate the color by 10%, you get **87, 11.887, 198.610**, and if you desaturate by 10%, it is **91, 3.818, 19.490**.

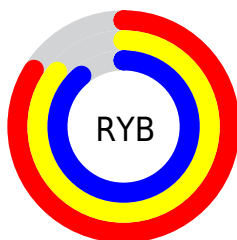
Distribution



Red (84%)

Green (89%)

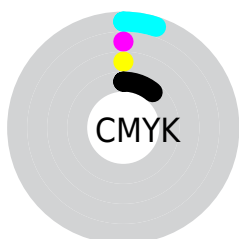
Blue (89%)



Red (84%)

Yellow (86%)

Blue (89%)

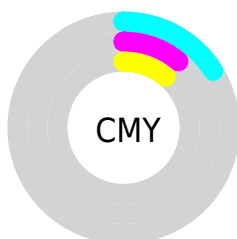


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 4.231, 199.254 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, 4.231, 199.254 by changing the saturation by 10% instead.

 89, 4.231, 199.254

 89, 4.231, 199.254

 100, 4.231,
199.254

 79, 4.231, 199.254

 69, 4.231, 199.254

 59, 4.231, 199.254

 49, 4.231, 199.254

 39, 4.231, 199.254

 29, 4.231, 199.254


 19, 4.231, 199.254

 9, 4.231, 199.254


 0, 4.231, 199.254

 89, 4.231, 199.254

 89, 4.231, 199.254

 87, 11.887,
198.610


 91, 3.818, 19.490

 86, 19.022,
198.107


 92, 10.594, 20.066

 85, 25.506,
197.666


 92, 10.594, 20.048

 84, 31.211,
197.287


 92, 10.594, 20.010

 83, 36.026,
196.971


 92, 10.593, 19.991


 83, 39.867,
196.723

 92, 10.593, 19.953

 82, 42.699,
196.540

 92, 10.593, 19.934

 82, 44.545,
196.421

 82, 45.498,
196.357

Harmonies

Complementary

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



89, 4.231, 199.254



87, 4.376, 19.568

Rectangle

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



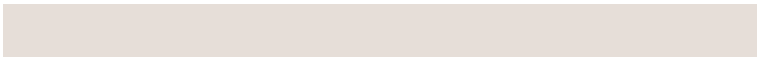
89, 4.231, 199.254



89, 4.231, 249.254



89, 4.231, 19.254



89, 4.231, 69.254

Sweetspot

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



89, 4.232, 199.229



100, 1.770, 199.642



89, 7.591, 143.739



53, 1.006, 199.667



0, 0.000, 0.000



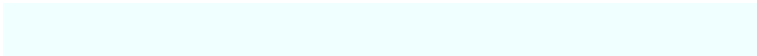
53, 0.007, 296.813

Same Dimension

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



89, 4.232, 199.229



99, 5.264, 199.172



88, 3.711, 254.361



47, 3.140, 199.130



65, 37.948, 196.340



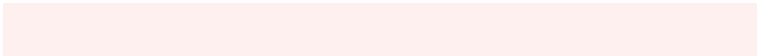
17, 15.588, 196.348

Inverse Universe

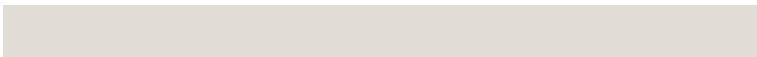
The Inverse Universe completely reimagines the original color for something new.



87, 4.376, 19.568



96, 5.468, 19.632



88, 3.751, 72.848



45, 3.273, 19.680



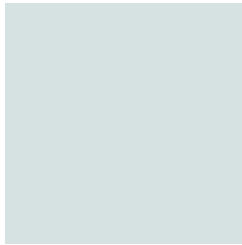
36, 79.100, 39.940



6, 25.540, 20.926

Previews

White Background



This preview shows how the CIELCh color 89, 4.231, 199.254 looks on a white background.

Color Contrast Check

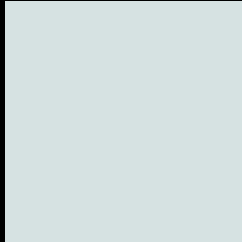
Large Text (above 18pt) WCAG AA × Fail

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, 4.231, 199.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

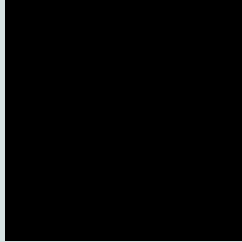
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

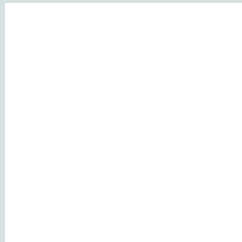
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 4.231, 199.254

Background



This preview shows how black text looks on a background with the CIELCh color 89, 4.231, 199.254.

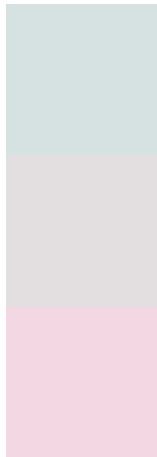


This preview shows how white text looks on a background with the CIELCh color 89, 4.231, 199.254.

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, 4.231, 199.254

Protanopia

89, 2.089, 349.377

Deuteranopia

89, 11.594, 347.708



Tritanopia
89, 9.131, 275.625

Trichromacy

	Original Color 89, 4.231, 199.254
	Protanomaly 89, 1.105, 271.526
	Deuteranomaly 89, 5.670, 339.739
	Tritanomaly 89, 6.471, 261.817

Monochromacy

	Original Color 89, 4.231, 199.254
	Achromatopsia 88, 0.011, 296.813
	Achromatomaly 89, 1.424, 199.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 4.231, 199.254 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(214, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 226)  
}
```

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(214, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 4.231, 199.254 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(214, 226, 226) }
```

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

```
.border{ border-color:rgb(214, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(214, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 4.231, 199.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 226) }
```

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

```
.background{ background-color: rgb(214,  
226, 226) }
```

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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