

Converting Colors

CIELCh(89, 7.141, 59.831)

Have a look what the booklet for
CIELCh(89, 7.141, 59.831) contains.

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Color

CIELCh(89, 7.225, 59.819)

Conversions

Conversions Part 1

Format	Color
Hex	ECDDD4
RGB	236, 221, 212
RGB Percent	93%, 87%, 83%
CMY	0.0752, 0.1340, 0.1693
CMYK	0.00, 0.06, 0.10, 0.08
HSL	23°, 38%, 88%
HSV	23°, 10%, 92%
XYZ	72.2016, 74.1641, 72.6794
YIQ	224.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

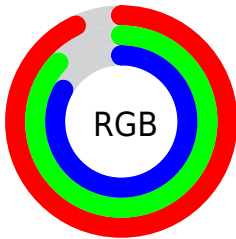
Format	Color
R_{YB}	236, 226, 212
Decimal	15523284
CIE _{Lab}	89.00, 3.63, 6.25
CIE _{LCh}	89, 7.225, 59.819
Yxy	74.1641, 0.3296, 0.3386
Android (android.graphics.Color)	4293713364 (0xFFECDDD4)
YUV	224.4590, -6.1423, 10.1215
Hunter-Lab	86.1186, -1.0536, 10.2455

Details

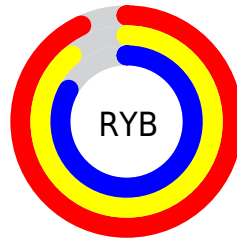
The CIELCh color $89, 7.225, 59.819$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 6.908, 242.016$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 7.365, 61.538$ is the 20% darker color. If you saturate the color by 10%, you get $85, 14.817, 58.956$, and if you desaturate by 10%, it is $93, 0.115, 56.300$.

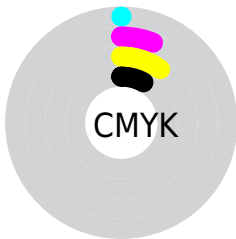
Distribution



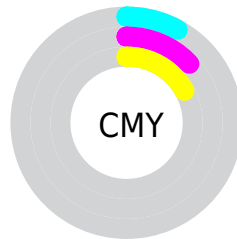
- Red (93%)
- Green (87%)
- Blue (83%)



- Red (93%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.225, 59.819 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, 7.225, 59.819 by changing the saturation by 10% instead.



89, 7.225, 59.819

89, 7.225, 59.819

85, 14.817, 58.956

93, 0.115, 56.300

81, 22.937, 58.084

97, 5.472, 225.333

77, 31.618, 57.258

99, 6.576, 199.090

73, 40.865, 56.491

69, 50.616, 55.775

66, 60.682, 55.064

62, 70.599, 54.221

59, 79.408, 52.930

57, 85.972, 50.961

Harmonies

Complementary

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



89, 7.225, 59.819



89, 6.908, 242.016

Rectangle

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



89, 7.225, 59.819



89, 7.225, 109.819



89, 7.225, 239.819



89, 7.225, 289.819

Sweetspot

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



89, 7.225, 59.840



99, 2.213, 60.338



87, 11.764, 337.828



52, 1.683, 60.315



0, 0.000, 0.000



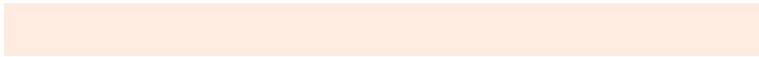
53, 0.007, 296.813

Same Dimension

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



89, 7.225, 59.840



95, 9.136, 59.677



92, 10.763, 103.023



47, 4.007, 59.901



44, 70.120, 51.607



11, 22.749, 48.127

Inverse Universe

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



89, 6.908, 242.016



95, 8.655, 242.228



86, 10.945, 285.313



47, 3.845, 241.940



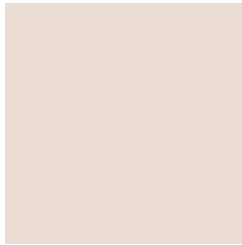
46, 43.316, 268.692



12, 16.756, 259.734

Previews

White Background



This preview shows how the CIELCh color 89, 7.225, 59.819 looks on a white background.

Color Contrast Check

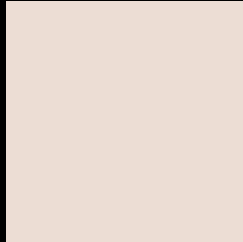
Large Text (above 18pt) WCAG AA × Fail

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, 7.225, 59.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

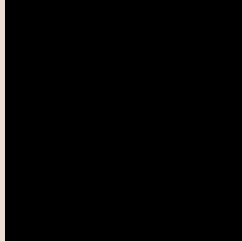
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

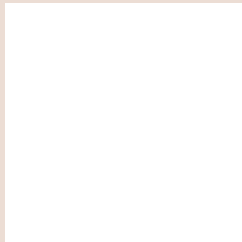
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.225, 59.819

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.225, 59.819.

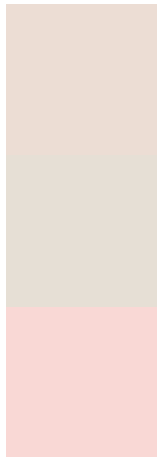


This preview shows how white text looks on a background with the CIELCh color 89, 7.225, 59.819.

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, 7.225, 59.819

Protanopia

89, 5.769, 83.340

Deuteranopia

89, 12.359, 27.434



Tritanopia
89, 11.874, 332.059

Trichromacy



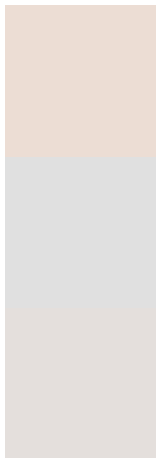
Original Color
89, 7.225, 59.819

Protanomaly
89, 5.921, 71.473

Deuteranomaly
89, 9.970, 35.038

Tritanomaly
89, 8.354, 350.119

Monochromacy



Original Color
89, 7.225, 59.819

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.369, 60.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.225, 59.819 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(236, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 212)  
}
```

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(236, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.225, 59.819 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(236, 221, 212) }
```

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

```
.border{ border-color:rgb(236, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.225, 59.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 212) }
```

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

```
.background{ background-color: rgb(236,  
221, 212) }
```

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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