

Converting Colors

CIELCh(89, 7.226, 44.919)

Have a look what the booklet for
CIELCh(89, 7.226, 44.919) contains.

CIELCh(89, 7.310, 44.908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 7.310, 44.908)

Conversions

Conversions Part 1

Format	Color
Hex	EEDCD6
RGB	238, 220, 214
RGB Percent	93%, 86%, 84%
CMY	0.0670, 0.1375, 0.1611
CMYK	0.00, 0.08, 0.10, 0.07
HSL	15°, 41%, 89%
HSV	15°, 10%, 93%
XYZ	72.9376, 74.1641, 74.0413
YIQ	224.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

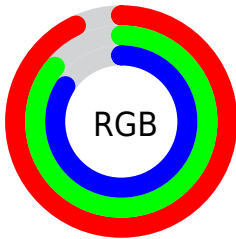
Format	Color
R _Y B	238, 222, 214
Decimal	15654102
CIE Lab	89.00, 5.18, 5.16
CIE LCh	89, 7.310, 44.908
Yxy	74.1641, 0.3298, 0.3354
Android (android.graphics.Color)	4293844182 (0xFFEEDCD6)
YUV	224.6980, -5.2741, 11.6659
Hunter-Lab	86.1186, 0.4720, 9.3079

Details

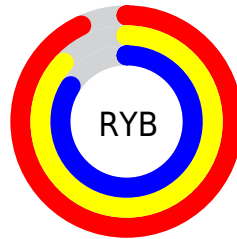
The CIELCh color **89, 7.310, 44.908** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 6.884, 226.063**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 7.407, 46.093** is the 20% darker color. If you saturate the color by 10%, you get **84, 15.157, 44.623**, and if you desaturate by 10%, it is **94, 0.057, 34.886**.

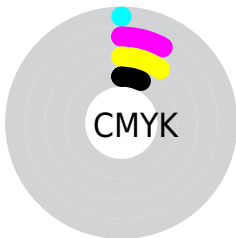
Distribution



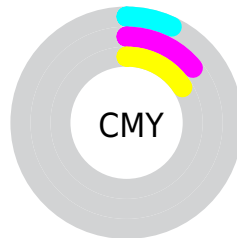
- Red (93%)
- Green (86%)
- Blue (84%)



- Red (93%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.310, 44.908 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, 7.310, 44.908 by changing the saturation by 10% instead.



89, 7.310, 44.908

89, 7.310, 44.908

84, 15.157, 44.623

94, 0.057, 34.886

79, 23.654, 44.394

99, 5.865, 199.147

75, 32.841, 44.292

70, 42.722, 44.349

66, 53.241, 44.582

62, 64.210, 44.966

59, 75.176, 45.375

56, 85.113, 45.448

53, 92.572, 44.798

Harmonies

Complementary

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



89, 7.310, 44.908



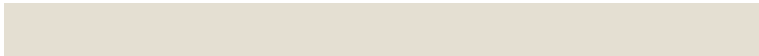
91, 6.884, 226.063

Rectangle

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



89, 7.310, 44.908



89, 7.310, 94.908



89, 7.310, 224.908



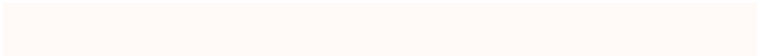
89, 7.310, 274.908

Sweetspot

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



89, 7.309, 44.929



98, 2.234, 45.023



88, 12.762, 332.971



52, 1.700, 45.048



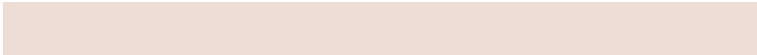
0, 0.000, 0.000



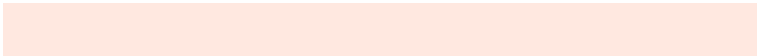
53, 0.007, 296.813

Same Dimension

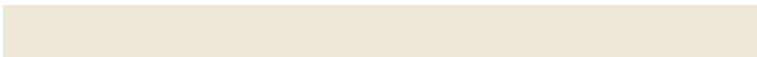
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 7.309, 44.929



94, 9.272, 44.867



92, 9.515, 96.014



47, 4.133, 44.947



41, 75.774, 45.269



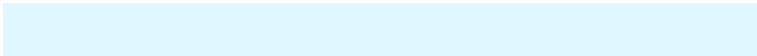
10, 25.491, 38.372

Inverse Universe

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



91, 6.884, 226.063



96, 8.623, 226.175



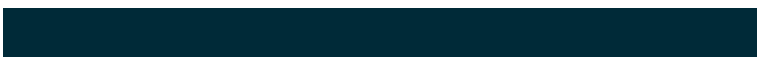
88, 9.591, 278.519



49, 3.908, 226.031



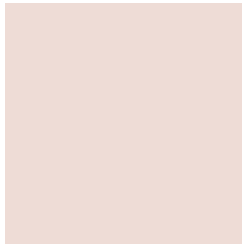
54, 35.750, 246.259



15, 15.123, 238.896

Previews

White Background



This preview shows how the CIELCh color 89, 7.310, 44.908 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, 7.310, 44.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

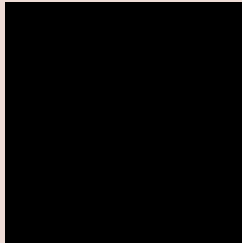
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

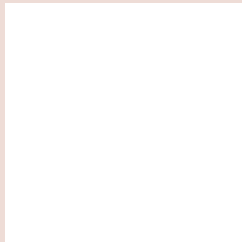
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.310, 44.908

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.310, 44.908.

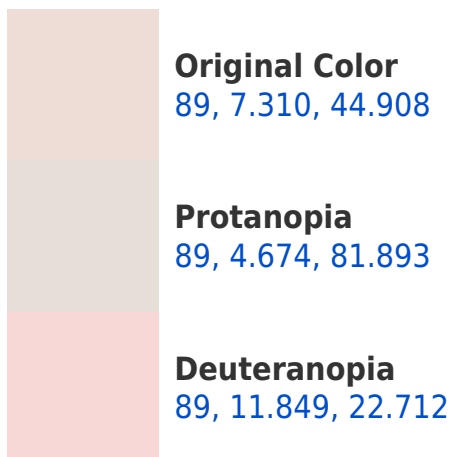



This preview shows how white text looks on a background with the CIELCh color 89, 7.310, 44.908.

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, 12.359, 334.600

Trichromacy



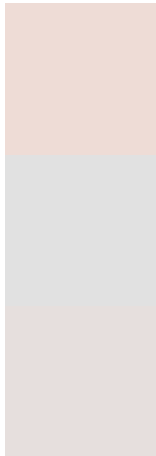
Original Color
89, 7.310, 44.908

Protanomaly
89, 5.135, 64.447

Deuteranomaly
89, 10.015, 25.987

Tritanomaly
89, 9.237, 349.637

Monochromacy



Original Color
89, 7.310, 44.908

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 2.722, 41.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.310, 44.908 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, 220, 214)` looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 214)  
}
```

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, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.310, 44.908 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, 220, 214) }
```

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

```
.border{ border-color:rgb(238, 220, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.310, 44.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 214) }
```

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

```
.background{ background-color: rgb(238,  
220, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor