

Converting Colors

CIELCh(89, 8.424, 61.752)

Have a look what the booklet for
CIELCh(89, 8.424, 61.752) contains.

CIELCh(89, 8.216, 63.542)	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, 8.216, 63.542)

Conversions

Conversions Part 1

Format	Color
Hex	EDDDD2
RGB	237, 221, 210
RGB Percent	93%, 87%, 82%
CMY	0.0717, 0.1344, 0.1775
CMYK	0.00, 0.07, 0.11, 0.07
HSL	24°, 42%, 88%
HSV	24°, 11%, 93%
XYZ	72.2151, 74.1641, 71.3037
YIQ	224.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

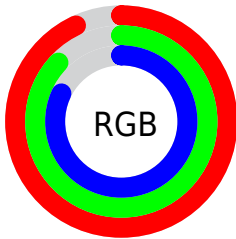
Format	Color
R _Y B	237, 229, 210
Decimal	15588818
CIE Lab	89.00, 3.66, 7.36
CIE LCh	89, 8.216, 63.542
Yxy	74.1641, 0.3317, 0.3407
Android (android.graphics.Color)	4293778898 (0xFFE9DD2)
YUV	224.5300, -7.1633, 10.9362
Hunter-Lab	86.1186, -1.0257, 11.1926

Details

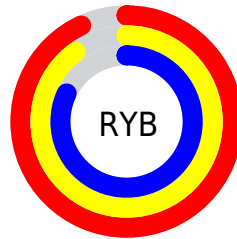
The CIELCh color $89, 8.216, 63.542$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 7.854, 246.197$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 8.040, 62.461$ is the 20% darker color. If you saturate the color by 10%, you get $85, 15.913, 62.558$, and if you desaturate by 10%, it is $93, 0.975, 64.155$.

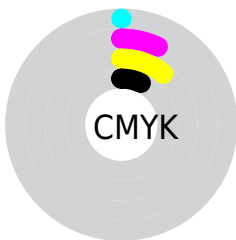
Distribution



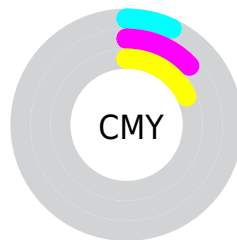
- Red (93%)
- Green (87%)
- Blue (82%)



- Red (93%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (7%)

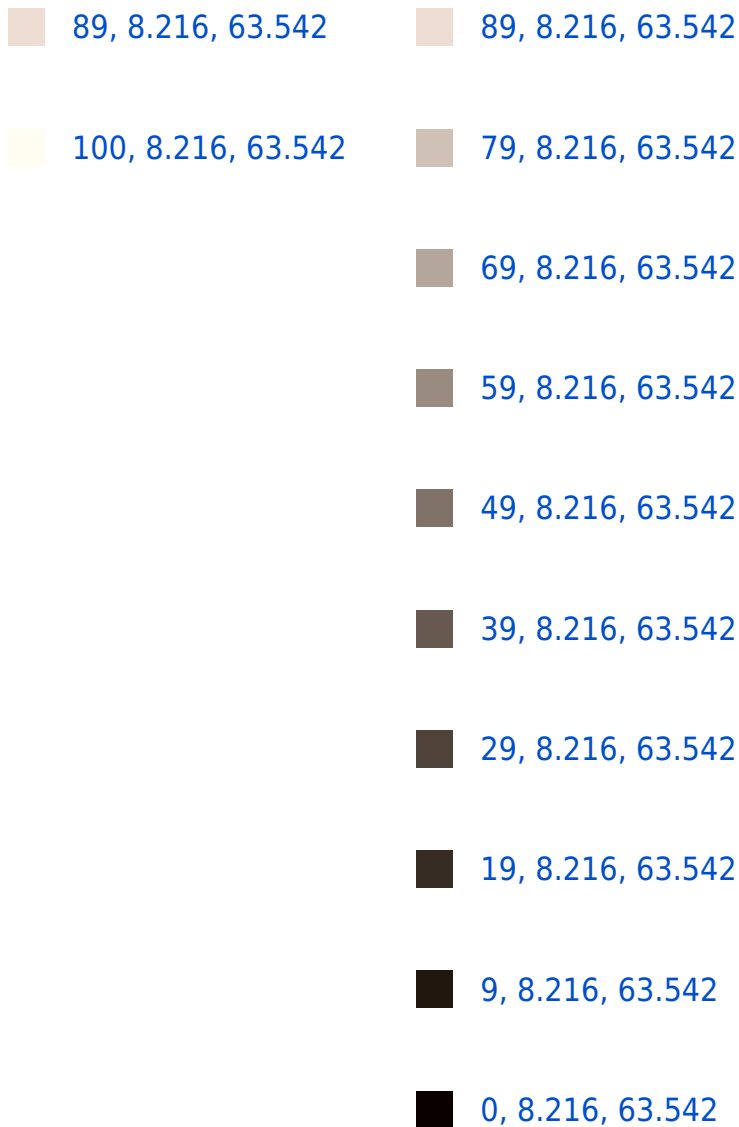


- Cyan (7%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 8.216, 63.542 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, 8.216, 63.542 by changing the saturation by 10% instead.



89, 8.216, 63.542

89, 8.216, 63.542

85, 15.913, 62.558

93, 0.975, 64.155

81, 24.106, 61.559

97, 5.171, 237.328

77, 32.823, 60.589

99, 6.271, 199.114

74, 42.053, 59.656

70, 51.718, 58.745

67, 61.590, 57.799

64, 71.146, 56.664

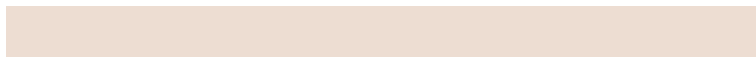
61, 79.360, 55.010

58, 84.683, 53.022

Harmonies

Complementary

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



89, 8.216, 63.542



89, 7.854, 246.197

Rectangle

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



89, 8.216, 63.542



89, 8.216, 113.542



89, 8.216, 243.542



89, 8.216, 293.542

Sweetspot

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



89, 8.216, 63.561



99, 2.234, 64.261



87, 12.933, 339.474



52, 1.698, 64.227



0, 0.000, 0.000



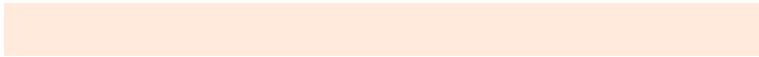
53, 0.007, 296.813

Same Dimension

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



89, 8.216, 63.561



94, 10.803, 63.297



92, 12.526, 104.599



47, 4.039, 63.750



45, 68.895, 53.702



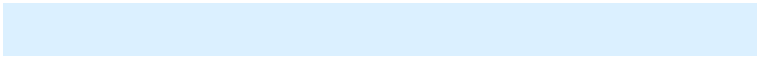
12, 22.495, 51.287

Inverse Universe

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



89, 7.854, 246.197



94, 10.204, 246.538



86, 12.788, 287.104



47, 3.894, 245.963



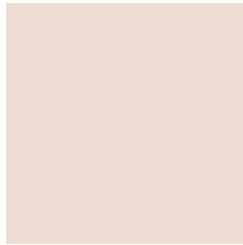
44, 46.209, 273.301



11, 17.608, 264.437

Previews

White Background



This preview shows how the CIELCh color 89, 8.216, 63.542 looks on a white background.

Color Contrast Check

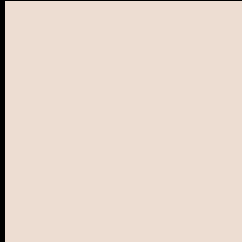
Large Text (above 18pt) WCAG AA × Fail

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, 8.216, 63.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

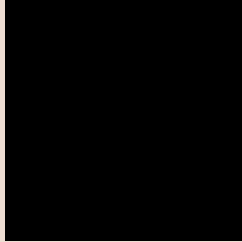
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

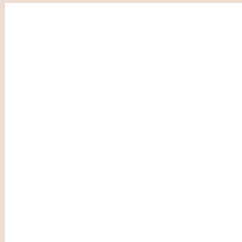
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 8.216, 63.542

Background



This preview shows how black text looks on a background with the CIELCh color 89, 8.216, 63.542.

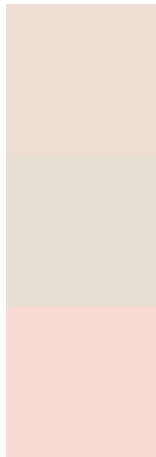


This preview shows how white text looks on a background with the CIELCh color 89, 8.216, 63.542.

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, 8.216, 63.542

Protanopia

89, 6.868, 84.275

Deuteranopia

89, 12.952, 31.747



Tritanopia
89, 12.114, 333.354

Trichromacy



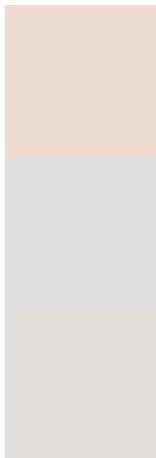
Original Color
89, 8.216, 63.542

Protanomaly
89, 6.983, 74.207

Deuteranomaly
89, 10.679, 39.830

Tritanomaly
89, 8.441, 354.459

Monochromacy



Original Color
89, 8.216, 63.542

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.987, 63.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 8.216, 63.542 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, 221, 210)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 210)  
}
```

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, 221, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 8.216, 63.542 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, 221, 210) }
```

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

```
.border{ border-color:rgb(237, 221, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 210);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 8.216, 63.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 210) }
```

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

```
.background{ background-color: rgb(237,  
221, 210) }
```

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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