

Converting Colors

CIELCh(89, 22.427, 94.405)

Have a look what the booklet for
CIELCh(89, 22.427, 94.405) contains.

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Color

CIELCh(89, 22.408, 94.356)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFB5
RGB	237, 223, 181
RGB Percent	93%, 87%, 71%
CMY	0.0703, 0.1252, 0.2899
CMYK	0.00, 0.06, 0.24, 0.07
HSL	45°, 61%, 82%
HSV	45°, 24%, 93%
XYZ	69.6985, 74.1641, 54.3912
YIQ	222.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

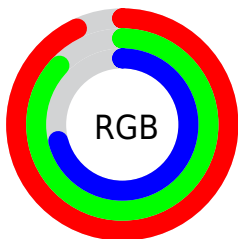
Format	Color
R _Y B	200, 237, 181
Decimal	15589301
CIE Lab	89.00, -1.70, 22.34
CIE LCh	89, 22.408, 94.356
Yxy	74.1641, 0.3516, 0.3741
Android (android.graphics.Color)	4293779381 (0xFFEDDFB5)
YUV	222.3980, -20.4092, 12.8060
Hunter-Lab	86.1186, -6.2418, 22.8364

Details

The CIELCh color **89, 22.408, 94.356** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 22.774, 280.552**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **69, 22.459, 94.031** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.030, 93.089**, and if you desaturate by 10%, it is **91, 12.847, 95.596**.

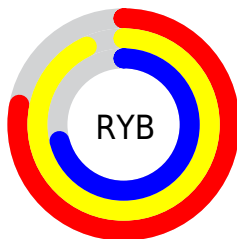
Distribution



Red (93%)

Green (87%)

Blue (71%)



Red (78%)

Yellow (93%)

Blue (71%)

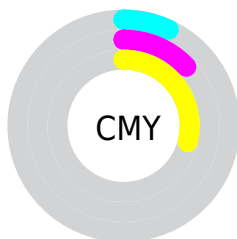


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 22.408, 94.356 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, 22.408, 94.356 by changing the saturation by 10% instead.

 89, 22.408, 94.356

 89, 22.408, 94.356

 100, 22.408,
94.356

 79, 22.408, 94.356

 69, 22.408, 94.356

 59, 22.408, 94.356

 49, 22.408, 94.356

 39, 22.408, 94.356

 29, 22.408, 94.356

 19, 22.408, 94.356

 9, 22.408, 94.356

 0, 22.408, 94.356

89, 22.408, 94.356

89, 22.408, 94.356

87, 32.030, 93.089

91, 12.847, 95.596

85, 41.622, 91.783

93, 3.387, 96.751

83, 51.027, 90.447

95, 5.951, 278.005

82, 59.957, 89.073

97, 5.323, 251.803

80, 67.930, 87.638

98, 5.470, 211.636

78, 74.228, 86.085

99, 6.156, 199.123

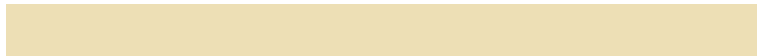
77, 78.031, 84.316

76, 79.239, 83.062

Harmonies

Complementary

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



89, 22.408, 94.356



79, 22.774, 280.552

Rectangle

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



89, 22.408, 94.356



89, 22.408, 144.356



89, 22.408, 274.356



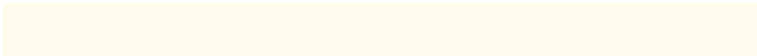
89, 22.408, 324.356

Sweetspot

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



89, 22.409, 94.362



98, 6.970, 96.377



79, 22.363, 2.028



52, 4.531, 96.307



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

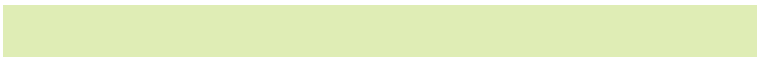
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 22.409, 94.362



94, 28.240, 93.795



92, 29.156, 118.416



48, 5.297, 96.094



59, 64.835, 83.455



17, 24.703, 86.273

Inverse Universe

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



79, 22.774, 280.552



81, 28.804, 281.328



77, 30.629, 301.619



46, 5.338, 278.441



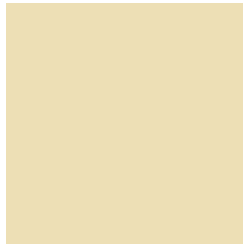
27, 85.182, 300.565



5, 29.477, 292.215

Previews

White Background



This preview shows how the CIELCh color 89, 22.408, 94.356 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, 22.408, 94.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

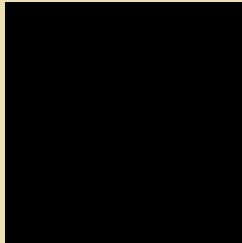
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

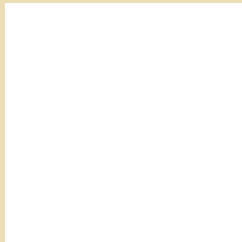
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 22.408, 94.356

Background



This preview shows how black text looks on a background with the CIELCh color 89, 22.408, 94.356.

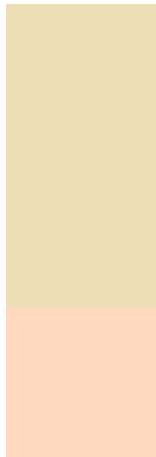


This preview shows how white text looks on a background with the CIELCh color 89, 22.408, 94.356.

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, 22.408, 94.356

Protanopia

89, 22.408, 94.356

Deuteranopia

89, 20.745, 62.267



Tritanopia
89, 13.406, 339.143

Trichromacy



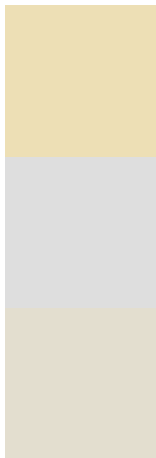
Original Color
89, 22.408, 94.356

Protanomaly
89, 22.408, 94.356

Deuteranomaly
89, 20.560, 75.610

Tritanomaly
89, 8.515, 37.577

Monochromacy



Original Color
89, 22.408, 94.356

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.993, 96.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 22.408, 94.356 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, 223, 181)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 181)  
}
```

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, 223, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 22.408, 94.356 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, 223, 181) }
```

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

```
.border{ border-color:rgb(237, 223, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 223, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 223, 181); box-shadow:4px 4px 4px 4px rgb(237, 223, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 22.408, 94.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 181) }
```

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

```
.background{ background-color: rgb(237,  
223, 181) }
```

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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