

Converting Colors

CIELCh(89, 15.203, 82.609)

Have a look what the booklet for
CIELCh(89, 15.203, 82.609) contains.

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Color

CIELCh(89, 15.135, 82.182)

Conversions

Conversions Part 1

Format	Color
Hex	EFDDC3
RGB	239, 221, 195
RGB Percent	94%, 87%, 76%
CMY	0.0619, 0.1325, 0.2345
CMYK	0.00, 0.08, 0.18, 0.06
HSL	35°, 58%, 85%
HSV	35°, 18%, 94%
XYZ	71.4571, 74.1641, 62.3031
YIQ	223.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

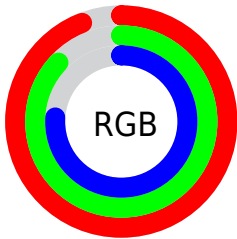
Format	Color
R _Y B	225, 239, 195
Decimal	15719875
CIE Lab	89.00, 2.06, 14.99
CIE LCh	89, 15.135, 82.182
Yxy	74.1641, 0.3437, 0.3567
Android (android.graphics.Color)	4293909955 (0xFFEFDDC3)
YUV	223.4180, -14.0101, 13.6654
Hunter-Lab	86.1186, -2.5967, 17.3893

Details

The CIELCh color **89, 15.135, 82.182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 14.804, 267.279**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **69, 15.343, 82.031** is the 20% darker color. If you saturate the color by 10%, you get **86, 23.744, 80.853**, and if you desaturate by 10%, it is **92, 6.794, 83.474**.

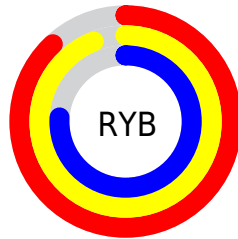
Distribution



Red (94%)

Green (87%)

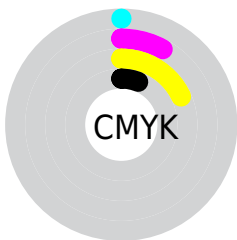
Blue (76%)



Red (88%)

Yellow (94%)

Blue (76%)

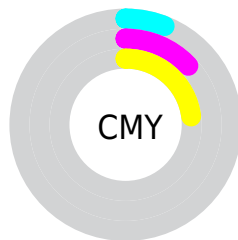


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.135, 82.182 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, 15.135, 82.182 by changing the saturation by 10% instead.

 89, 15.135, 82.182

 89, 15.135, 82.182

 100, 15.135,
82.182

 79, 15.135, 82.182

 69, 15.135, 82.182

 59, 15.135, 82.182

 49, 15.135, 82.182

 39, 15.135, 82.182

 29, 15.135, 82.182

 19, 15.135, 82.182

 9, 15.135, 82.182

 0, 15.135, 82.182

89, 15.135, 82.182

89, 15.135, 82.182

86, 23.744, 80.853

92, 6.794, 83.474

83, 32.604, 79.475

95, 1.289, 265.054

80, 41.663, 78.058

98, 4.478, 229.695

78, 50.788, 76.587

99, 5.428, 199.183

75, 59.702, 75.022

73, 67.879, 73.268

70, 74.450, 71.140

68, 78.546, 68.403

68, 79.115, 67.953

Harmonies

Complementary

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



89, 15.135, 82.182



85, 14.804, 267.279

Rectangle

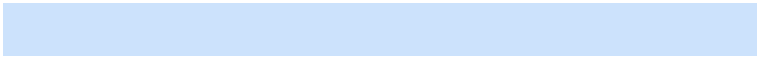
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 15.135, 82.182



89, 15.135, 132.182



89, 15.135, 262.182



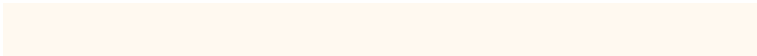
89, 15.135, 312.182

Sweetspot

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



89, 15.136, 82.192



98, 5.091, 83.759



83, 18.816, 350.129



52, 3.381, 83.682



0, 0.000, 0.000



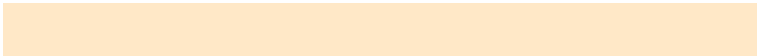
53, 0.007, 296.813

Same Dimension

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



89, 15.136, 82.192



93, 19.178, 81.705



93, 22.547, 111.902



49, 4.614, 83.340



53, 64.795, 68.581



15, 23.766, 70.807

Inverse Universe

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



85, 14.804, 267.279



88, 18.661, 267.909



80, 23.519, 295.224



47, 4.571, 265.910



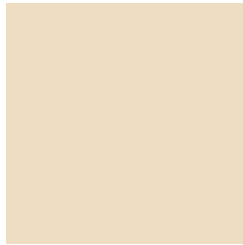
35, 67.152, 291.757



8, 25.065, 284.913

Previews

White Background



This preview shows how the CIELCh color 89, 15.135, 82.182 looks on a white background.

Color Contrast Check

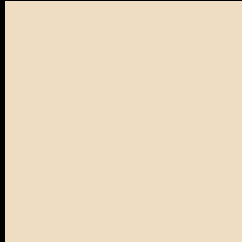
Large Text (above 18pt) WCAG AA × Fail

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, 15.135, 82.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

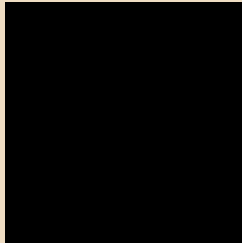
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

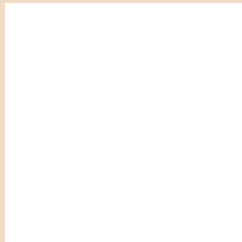
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.135, 82.182

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.135, 82.182.



This preview shows how white text looks on a background with the CIELCh color 89, 15.135, 82.182.

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, 15.135, 82.182

Protanopia

89, 14.594, 92.459

Deuteranopia

89, 18.329, 52.603



Tritanopia
89, 13.406, 339.143

Trichromacy



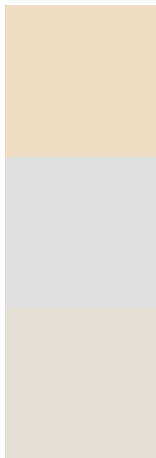
Original Color
89, 15.135, 82.182

Protanomaly
89, 14.488, 87.593

Deuteranomaly
89, 16.448, 61.268

Tritanomaly
89, 8.799, 16.607

Monochromacy



Original Color
89, 15.135, 82.182

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.306, 80.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.135, 82.182 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(239, 221, 195)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 195)  
}
```

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(239, 221, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.135, 82.182 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(239, 221, 195) }
```

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

```
.border{ border-color:rgb(239, 221, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 221, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 221, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 221, 195); box-shadow:4px 4px 4px 4px rgb(239, 221, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.135, 82.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 195) }
```

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

```
.background{ background-color: rgb(239,  
221, 195) }
```

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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