

Converting Colors

CIELCh(89, 5.179, 14.530)

Have a look what the booklet for
CIELCh(89, 5.179, 14.530) contains.

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Color

CIELCh(89, 5.472, 14.253)

Conversions

Conversions Part 1

Format	Color
Hex	EBDCDD
RGB	235, 220, 221
RGB Percent	92%, 86%, 87%
CMY	0.0779, 0.1367, 0.1328
CMYK	0.00, 0.06, 0.06, 0.08
HSL	356°, 27%, 89%
HSV	356°, 6%, 92%
XYZ	72.9980, 74.1641, 78.9627
YIQ	224.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

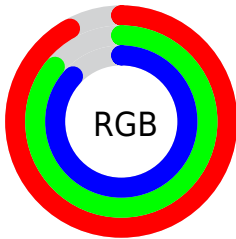
Format	Color
R _Y B	235, 220, 221
Decimal	15457501
CIE Lab	89.00, 5.30, 1.35
CIE LCh	89, 5.472, 14.253
Yxy	74.1641, 0.3228, 0.3280
Android (android.graphics.Color)	4293647581 (0xFFEBDCDD)
YUV	224.5990, -1.7743, 9.1217
Hunter-Lab	86.1186, 0.5972, 5.9196

Details

The CIELCh color **89, 5.472, 14.253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 5.279, 193.560**, 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, 5.401, 13.994** is the 20% darker color. If you saturate the color by 10%, you get **83, 14.549, 15.241**, and if you desaturate by 10%, it is **95, 2.992, 193.858**.

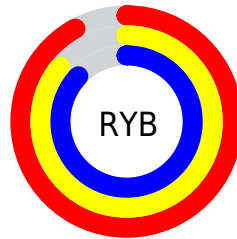
Distribution



Red (92%)

Green (86%)

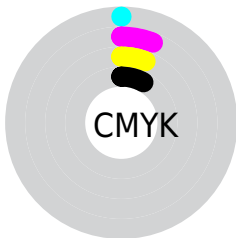
Blue (87%)



Red (92%)

Yellow (86%)

Blue (87%)

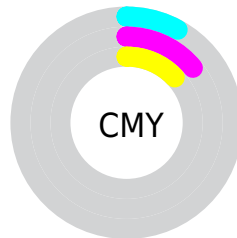


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.472, 14.253 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, 5.472, 14.253 by changing the saturation by 10% instead.



89, 5.472, 14.253

89, 5.472, 14.253

83, 14.549, 15.241

95, 2.992, 193.858

77, 24.244, 16.375

99, 6.807, 199.072

71, 34.498, 17.796

65, 45.173, 19.606

60, 56.027, 21.930

56, 66.727, 24.890

53, 76.892, 28.546

51, 86.096, 32.740

49, 93.573, 36.826

Harmonies

Complementary

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



89, 5.472, 14.253



92, 5.279, 193.560

Rectangle

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



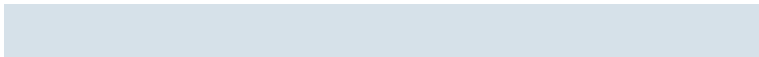
89, 5.472, 14.253



89, 5.472, 64.253



89, 5.472, 194.253



89, 5.472, 244.253

Sweetspot

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



89, 5.470, 14.273



99, 1.805, 13.687



89, 9.301, 322.936



53, 1.026, 13.660



0, 0.000, 0.000



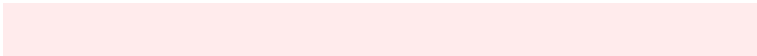
53, 0.007, 296.813

Same Dimension

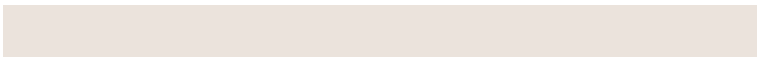
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 5.470, 14.273



95, 7.370, 14.433



91, 4.544, 67.064



46, 4.916, 14.568



38, 78.079, 37.339



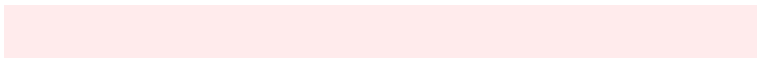
7, 28.266, 20.011

Inverse Universe

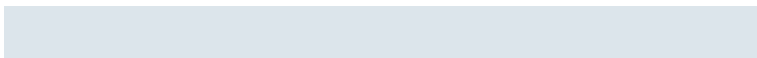
The Inverse Universe completely reimagines the original color for something new.



89, 5.470, 14.273



95, 7.370, 14.433



90, 4.455, 248.723



46, 4.916, 14.568



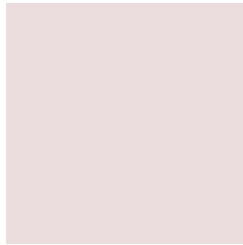
38, 78.079, 37.339



7, 28.266, 20.011

Previews

White Background



This preview shows how the CIELCh color 89, 5.472, 14.253 looks on a white background.

Color Contrast Check

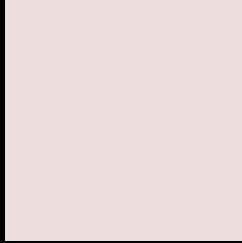
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 5.472, 14.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

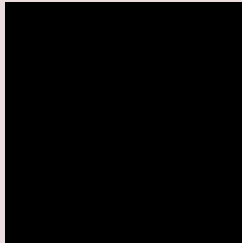
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

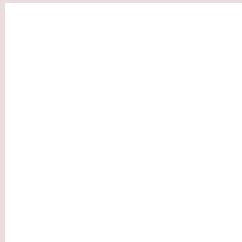
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.472, 14.253

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.472, 14.253.

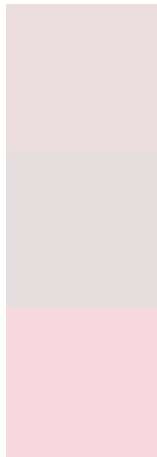


This preview shows how white text looks on a background with the CIELCh color 89, 5.472, 14.253.

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, 5.472, 14.253

Protanopia

89, 2.161, 19.283

Deuteranopia

89, 11.391, 4.377



Tritanopia
89, 11.186, 327.870

Trichromacy



Original Color
89, 5.472, 14.253

Protanomaly
89, 3.654, 11.335

Deuteranomaly
89, 8.990, 6.677

Tritanomaly
89, 8.394, 336.979

Monochromacy



Original Color
89, 5.472, 14.253

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 2.226, 5.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.472, 14.253 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(235, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 221)  
}
```

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(235, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.472, 14.253 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(235, 220, 221) }
```

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

```
.border{ border-color:rgb(235, 220, 221) }
```

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

Here you see how a box with a 4 pixel rgb(235, 220, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.472, 14.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 221) }
```

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

```
.background{ background-color: rgb(235,  
220, 221) }
```

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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