

Converting Colors

CIELCh(89, 5.624, 5.010)

Have a look what the booklet for
CIELCh(89, 5.624, 5.010) contains.

CIELCh(89, 5.657, 3.737)	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, 5.657, 3.737)

Conversions

Conversions Part 1

Format	Color
Hex	EBDCDF
RGB	235, 220, 223
RGB Percent	92%, 86%, 87%
CMY	0.0785, 0.1373, 0.1255
CMYK	0.00, 0.06, 0.05, 0.08
HSL	348°, 27%, 89%
HSV	348°, 6%, 92%
XYZ	73.1615, 74.1641, 80.2597
YIQ	224.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

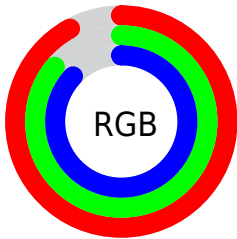
Format	Color
R _Y B	235, 220, 223
Decimal	15457503
CIE Lab	89.00, 5.64, 0.37
CIE LCh	89, 5.657, 3.737
Yxy	74.1641, 0.3215, 0.3259
Android (android.graphics.Color)	4293647583 (0xFFEBDCDF)
YUV	224.8270, -0.9007, 8.9217
Hunter-Lab	86.1186, 0.9359, 5.0267

Details

The CIELCh color **89, 5.657, 3.737** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 5.510, 182.803**, 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, 5.605, 2.805** is the 20% darker color. If you saturate the color by 10%, you get **83, 14.901, 4.862**, and if you desaturate by 10%, it is **95, 3.112, 183.146**.

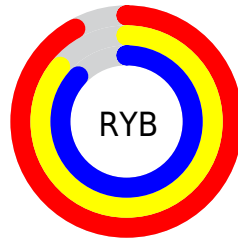
Distribution



Red (92%)

Green (86%)

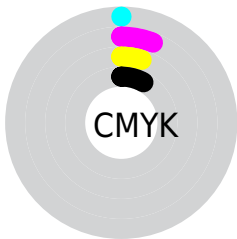
Blue (87%)



Red (92%)

Yellow (86%)

Blue (87%)

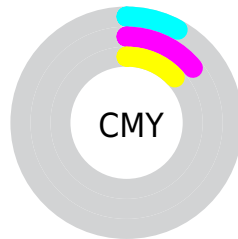


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.657, 3.737 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, 5.657, 3.737 by changing the saturation by 10% instead.

89, 5.657, 3.737

89, 5.657, 3.737

100, 5.657, 3.737

79, 5.657, 3.737

69, 5.657, 3.737

59, 5.657, 3.737

49, 5.657, 3.737

39, 5.657, 3.737

29, 5.657, 3.737

19, 5.657, 3.737

9, 5.657, 3.737

0, 5.657, 3.737

89, 5.657, 3.737

89, 5.657, 3.737

83, 14.901, 4.862

95, 3.112, 183.146

77, 24.584, 6.121

99, 6.856, 199.068

71, 34.594, 7.637

66, 44.731, 9.507

61, 54.690, 11.855

56, 64.082, 14.832

53, 72.524, 18.592

51, 79.797, 23.204

50, 85.950, 28.499

Harmonies

Complementary

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



89, 5.657, 3.737



92, 5.510, 182.803

Rectangle

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



89, 5.657, 3.737



89, 5.657, 53.737



89, 5.657, 183.737



89, 5.657, 233.737

Sweetspot

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



89, 5.655, 3.753



99, 1.874, 3.121



89, 8.939, 319.067



53, 1.065, 3.095



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, 5.655, 3.753



95, 7.608, 3.936



90, 4.453, 51.010



46, 5.069, 4.091



38, 71.816, 29.381



7, 27.908, 14.452

Inverse Universe

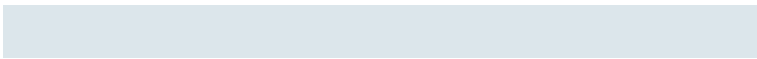
The Inverse Universe completely reimagines the original color for something new.



89, 5.655, 3.753



95, 7.608, 3.936



91, 4.309, 232.152



46, 5.069, 4.091



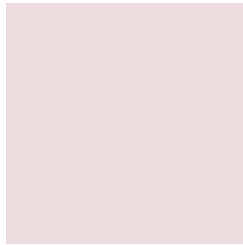
38, 71.816, 29.381



7, 27.908, 14.452

Previews

White Background



This preview shows how the CIELCh color 89, 5.657, 3.737 looks on a white background.

Color Contrast Check

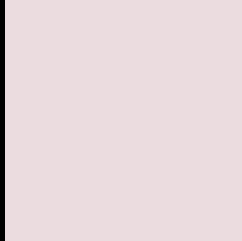
Large Text (above 18pt) WCAG AA × Fail

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, 5.657, 3.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

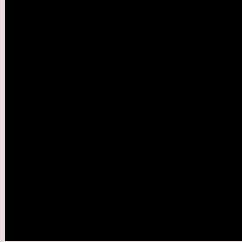
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

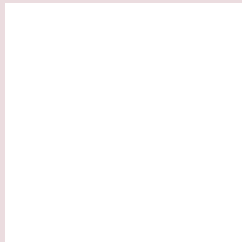
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.657, 3.737

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.657, 3.737.



This preview shows how white text looks on a background with the CIELCh color 89, 5.657, 3.737.

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](#).

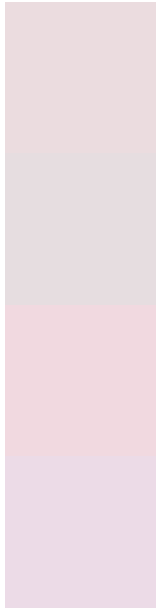
Dichromacy





Tritanopia
89, 11.186, 327.870

Trichromacy



Original Color

89, 5.657, 3.737

Protanomaly

89, 3.611, 353.908

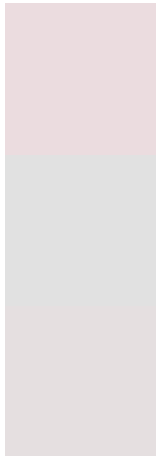
Deuteranomaly

89, 9.450, 357.442

Tritanomaly

89, 8.755, 334.495

Monochromacy



Original Color

89, 5.657, 3.737

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, 5.657, 3.737 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.657, 3.737 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, 223) }
```

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

```
.border{ border-color:rgb(235, 220, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.657, 3.737 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, 223) }
```

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

```
.background{ background-color: rgb(235,  
220, 223) }
```

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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