

Converting Colors

CIELCh(89, 10.502, 358.895)

Have a look what the booklet for
CIELCh(89, 10.502, 358.895)
contains.

CIELCh(89, 10.475, 359.868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 10.475, 359.868)

Conversions

Conversions Part 1

Format	Color
Hex	F4D9E0
RGB	244, 217, 224
RGB Percent	96%, 85%, 88%
CMY	0.0435, 0.1494, 0.1220
CMYK	0.00, 0.11, 0.08, 0.04
HSL	344°, 55%, 90%
HSV	344°, 11%, 96%
XYZ	75.4994, 74.1641, 80.7844
YIQ	225.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

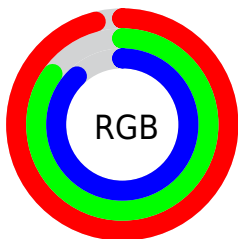
Format	Color
RYB	244, 217, 224
Decimal	16046560
CIELab	89.00, 10.47, -0.02
CIElCh	89, 10.475, 359.868
Yxy	74.1641, 0.3276, 0.3218
Android (android.graphics.Color)	4294236640 (0xFFFF4D9E0)
YUV	225.8710, -0.9224, 15.8991
Hunter-Lab	86.1186, 5.7818, 4.6654

Details

The CIELCh color **89, 10.475, 359.868** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 10.095, 177.881**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.699, 359.435** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.372, 1.041**, and if you desaturate by 10%, it is **95, 0.991, 358.376**.

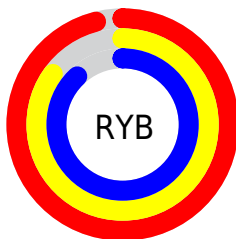
Distribution



Red (96%)

Green (85%)

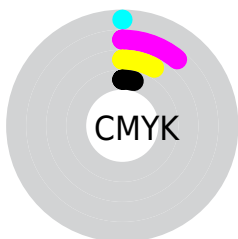
Blue (88%)



Red (96%)

Yellow (85%)

Blue (88%)

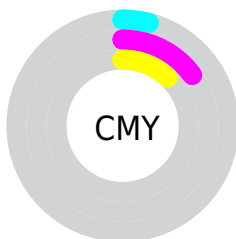


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 10.475, 359.868 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, 10.475, 359.868 by changing the saturation by 10% instead.


 89, 10.475,
359.868

 89, 10.475,
359.868


 100, 10.475,
359.868


 79, 10.475,
359.868

 69, 10.475,
359.868

 59, 10.475,
359.868

 49, 10.475,
359.868

 39, 10.475,
359.868

 29, 10.475,
359.868

 19, 10.475,

359.868

■ 9, 10.475, 359.868

■ 0, 10.475, 359.868

■ 89, 10.475,
359.868

■ 89, 10.475,
359.868

■ 83, 20.372, 1.041

■ 95, 0.991, 358.376

■ 77, 30.594, 2.400

■ 99, 3.835, 199.335

■ 71, 40.960, 4.037

■ 66, 51.182, 6.054

■ 61, 60.863, 8.587

■ 57, 69.552, 11.802

■ 54, 76.886, 15.861

■ 52, 82.794, 20.831

■ 51, 87.278, 25.784

Harmonies

Complementary

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



89, 10.475, 359.868



94, 10.095, 177.881

Rectangle

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



89, 10.475, 359.868



89, 10.475, 49.868



89, 10.475, 179.868



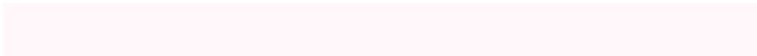
89, 10.475, 229.868

Sweetspot

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



89, 10.473, 359.876



98, 2.891, 358.927



89, 15.758, 317.238



52, 2.195, 359.046



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

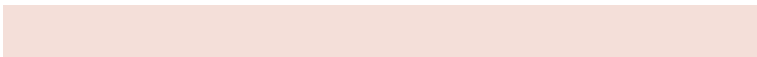
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 10.473, 359.876



91, 12.810, 0.094



90, 8.273, 42.956



48, 5.375, 359.703



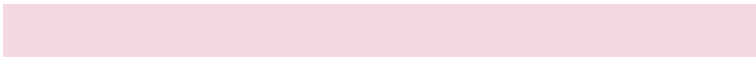
39, 70.741, 24.732



9, 29.787, 13.669

Inverse Universe

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



89, 10.473, 359.876



91, 12.810, 0.094



93, 7.731, 223.999



48, 5.375, 359.703



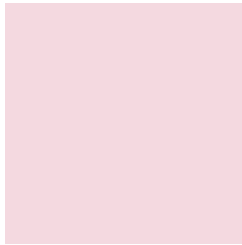
39, 70.741, 24.732



9, 29.787, 13.669

Previews

White Background



This preview shows how the CIELCh color 89, 10.475, 359.868 looks on a white background.

Color Contrast Check

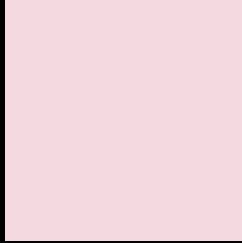
Large Text (above 18pt) WCAG AA × Fail

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, 10.475, 359.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

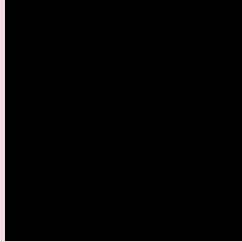
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 10.475, 359.868

Background



This preview shows how black text looks on a background with the CIELCh color 89, 10.475, 359.868.

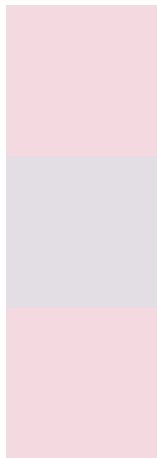


This preview shows how white text looks on a background with the CIELCh color 89, 10.475, 359.868.

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, 10.475, 359.868

Protanopia

89, 3.182, 324.474

Deuteranopia

89, 10.821, 0.580



Tritanopia
89, 13.356, 341.890

Trichromacy



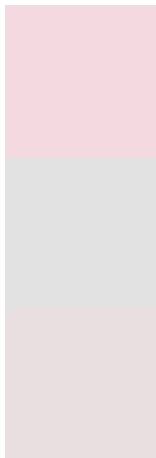
Original Color
89, 10.475, 359.868

Protanomaly
89, 5.646, 346.170

Deuteranomaly
89, 10.821, 0.580

Tritanomaly
89, 12.476, 347.555

Monochromacy



Original Color
89, 10.475, 359.868

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.757, 3.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 10.475, 359.868 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(244, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 224)  
}
```

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(244, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 10.475, 359.868 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(244, 217, 224) }
```

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

```
.border{ border-color:rgb(244, 217, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 10.475, 359.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 224) }
```

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

```
.background{ background-color: rgb(244,  
217, 224) }
```

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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