

Converting Colors

CIELCh(89, 10.628, 350.341)

Have a look what the booklet for
CIELCh(89, 10.628, 350.341)
contains.

CIELCh(89, 10.442, 350.317)	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, 10.442, 350.317)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E3
RGB	242, 217, 227
RGB Percent	95%, 85%, 89%
CMY	0.0504, 0.1484, 0.1092
CMYK	0.00, 0.10, 0.06, 0.05
HSL	336°, 49%, 90%
HSV	336°, 10%, 95%
XYZ	75.4105, 74.1641, 83.1253
YIQ	225.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

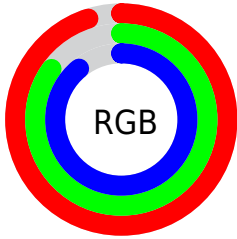
Format	Color
R_{YB}	242, 217, 227
Decimal	15915491
CIE _{Lab}	89.00, 10.29, -1.76
CIE _{LCh}	89, 10.442, 350.317
Y _{xy}	74.1641, 0.3241, 0.3187
Android (android.graphics.Color)	4294105571 (0xFFFF2D9E3)
YUV	225.6150, 0.6828, 14.3696
Hunter-Lab	86.1186, 5.5976, 3.0538

Details

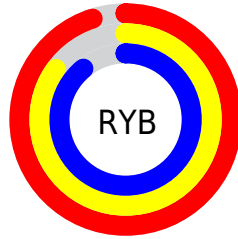
The CIELCh color $89, 10.442, 350.317$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94, 10.225, 168.538$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 10.675, 349.532$ is the 20% darker color. If you saturate the color by 10%, you get $83, 20.847, 351.388$, and if you desaturate by 10%, it is $95, 0.328, 347.897$.

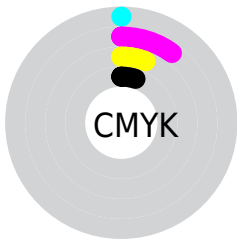
Distribution



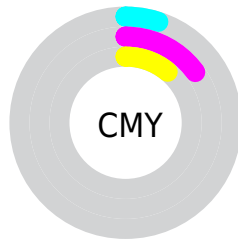
- Red (95%)
- Green (85%)
- Blue (89%)



- Red (95%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 10.442, 350.317 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, 10.442, 350.317 by changing the saturation by 10% instead.


 89, 10.442,
350.317


 89, 10.442,
350.317


 100, 10.442,
350.317


 79, 10.442,
350.317

 69, 10.442,
350.317

 59, 10.442,
350.317

 49, 10.442,
350.317

 39, 10.442,
350.317

 29, 10.442,
350.317

 19, 10.442,

350.317

■ 9, 10.442, 350.317

■ 0, 10.442, 350.317

■ 89, 10.442,
350.317

■ 89, 10.442,
350.317

■ 83, 20.847,
351.388

■ 95, 0.328, 347.897

■ 77, 31.422,
352.593

■ 99, 4.428, 199.274

■ 71, 41.941,
354.000

■ 66, 52.067,
355.685

■ 61, 61.341,

357.753

■ 57, 69.232, 0.347

■ 55, 75.273, 3.645

■ 53, 79.283, 7.820

■ 52, 81.717, 12.669

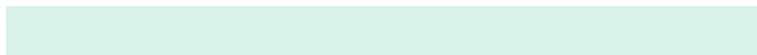
Harmonies

Complementary

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



89, 10.442, 350.317



94, 10.225, 168.538

Rectangle

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



89, 10.442, 350.317



89, 10.442, 40.317



89, 10.442, 170.317



89, 10.442, 220.317

Sweetspot

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



89, 10.439, 350.323



98, 3.129, 349.519



89, 14.128, 312.908



52, 2.374, 349.627



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

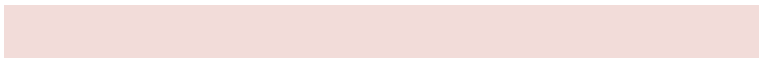
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 10.439, 350.323



92, 12.687, 350.499



89, 8.359, 28.810



47, 5.691, 350.236



39, 66.263, 11.654



8, 28.840, 3.467

Inverse Universe

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



89, 10.439, 350.323



92, 12.687, 350.499



93, 7.813, 208.512



47, 5.691, 350.236



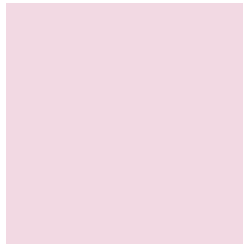
39, 66.263, 11.654



8, 28.840, 3.467

Previews

White Background



This preview shows how the CIELCh color 89, 10.442, 350.317 looks on a white background.

Color Contrast Check

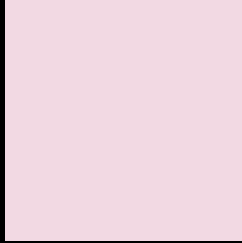
Large Text (above 18pt) WCAG AA × Fail

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, 10.442, 350.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

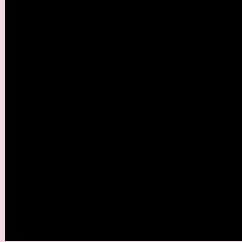
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 10.442, 350.317

Background



This preview shows how black text looks on a background with the CIELCh color 89, 10.442, 350.317.

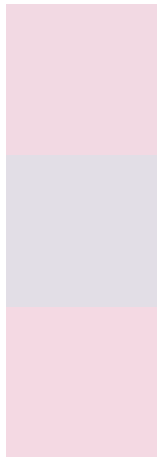


This preview shows how white text looks on a background with the CIELCh color 89, 10.442, 350.317.

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, 10.442, 350.317

Protanopia

89, 4.428, 309.191

Deuteranopia

89, 11.080, 352.268



Tritanopia
89, 13.139, 338.072

Trichromacy



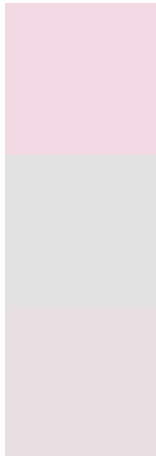
Original Color
89, 10.442, 350.317

Protanomaly
89, 6.390, 332.618

Deuteranomaly
89, 10.759, 351.320

Tritanomaly
89, 12.478, 341.632

Monochromacy



Original Color
89, 10.442, 350.317

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.605, 353.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 10.442, 350.317 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(242, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 227)  
}
```

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(242, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 10.442, 350.317 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(242, 217, 227) }
```

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

```
.border{ border-color:rgb(242, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 10.442, 350.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 227) }
```

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

```
.background{ background-color: rgb(242,  
217, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor