

Converting Colors

CIELCh(100, 54.460, 13.258)

Have a look what the booklet for
CIELCh(100, 54.460, 13.258)
contains.

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Color

CIElCh(89, 18.354, 346.403)

Conversions

Conversions Part 1

Format	Color
Hex	FED4E8
RGB	254, 212, 232
RGB Percent	100%, 83%, 91%
CMY	0.0031, 0.1676, 0.0893
CMYK	0.00, 0.17, 0.09, 0.00
HSL	331°, 96%, 91%
HSV	331°, 17%, 100%
XYZ	79.1593, 74.1641, 86.6649
YIQ	226.8380, 18.6120, 15.1240

Conversions

Conversions Part 2

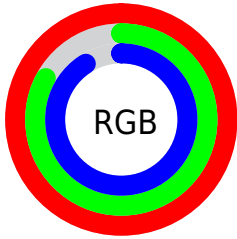
Format	Color
RYB	254, 212, 232
Decimal	16700648
CIELab	89.00, 17.84, -4.31
CIELCh	89, 18.354, 346.403
Yxy	74.1641, 0.3298, 0.3090
Android (android.graphics.Color)	4294890728 (0xFF FED4E8)
YUV	226.8380, 2.5449, 23.8211
Hunter-Lab	86.1186, 13.3677, 0.6169

Details

The CIELCh color $89, 18.354, 346.403$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $96, 17.926, 163.510$, 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 $69, 18.403, 346.829$ is the 20% darker color. If you saturate the color by 10%, you get $83, 29.726, 347.458$, and if you desaturate by 10%, it is $95, 7.146, 345.437$.

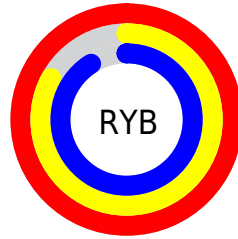
Distribution



Red (100%)

Green (83%)

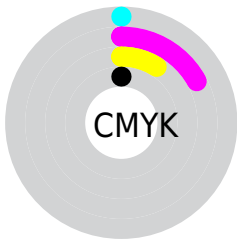
Blue (91%)



Red (100%)

Yellow (83%)

Blue (91%)

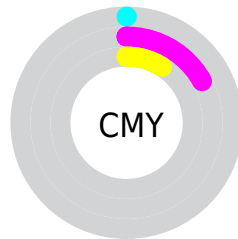


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 18.354, 346.403 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, 18.354, 346.403 by changing the saturation by 10% instead.

 89, 18.354,
346.403

 89, 18.354,
346.403

 100, 18.354,
346.403

 79, 18.354,
346.403

 69, 18.354,
346.403

 59, 18.354,
346.403

 49, 18.354,
346.403

 39, 18.354,
346.403

 29, 18.354,
346.403

 19, 18.354,

346.403

■ 9, 18.354, 346.403

■ 0, 18.354, 346.403

■ 89, 18.354,
346.403

■ 89, 18.354,
346.403

■ 83, 29.726,
347.458

■ 95, 7.146, 345.437

■ 77, 41.054,
348.654

100, 0.270,
201.844

■ 71, 52.003,
350.047

■ 66, 62.109,
351.713

■ 62, 70.797,

353.757

■ 59, 77.490,
356.323

■ 56, 81.804,
359.584

■ 55, 83.813, 3.693

■ 55, 84.255, 5.268

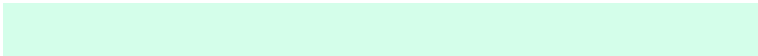
Harmonies

Complementary

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



89, 18.354, 346.403



96, 17.926, 163.510

Rectangle

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



89, 18.354, 346.403



89, 18.354, 36.403



89, 18.354, 166.403



89, 18.354, 216.403

Sweetspot

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



89, 18.351, 346.406



97, 5.494, 345.285



88, 23.272, 310.401



51, 3.751, 345.357



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, 18.351, 346.406



87, 22.368, 346.760



89, 15.395, 21.844



50, 6.283, 345.726



41, 68.058, 4.396



10, 31.665, 358.431

Inverse Universe

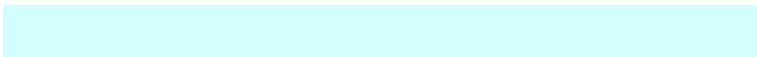
The Inverse Universe completely reimagines the original color for something new.



89, 18.351, 346.406



87, 22.368, 346.760



97, 13.806, 200.076



50, 6.283, 345.726



41, 68.058, 4.396



10, 31.665, 358.431

Previews

White Background



This preview shows how the CIELCh color 89, 18.354, 346.403 looks on a white background.

Color Contrast Check

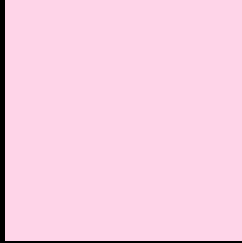
Large Text (above 18pt) WCAG AA × Fail

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, 18.354, 346.403 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, 18.354, 346.403

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.354, 346.403.



This preview shows how white text looks on a background with the CIELCh color 89, 18.354, 346.403.

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, 17.022, 351.542

Trichromacy



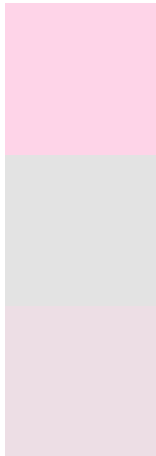
Original Color
89, 18.369, 346.410

Protanomaly
89, 11.202, 323.315

Deuteranomaly
89, 13.939, 343.821

Tritanomaly
89, 17.263, 350.019

Monochromacy



Original Color
89, 18.369, 346.410

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.523, 345.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 18.354, 346.403 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(254, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 232)  
}
```

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(254, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 18.354, 346.403 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(254, 212, 232) }
```

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

```
.border{ border-color:rgb(254, 212, 232) }
```

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

Here you see how a box with a 4 pixel rgb(254, 212, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 18.354, 346.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 232) }
```

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

```
.background{ background-color: rgb(254,  
212, 232) }
```

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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