

Converting Colors

CIELCh(87, 18.584, 355.219)

Have a look what the booklet for
CIELCh(87, 18.584, 355.219)
contains.

CIELCh(87, 18.556, 355.998)	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(87, 18.556, 355.998)

Conversions

Conversions Part 1

Format	Color
Hex	FCCEDD
RGB	252, 206, 221
RGB Percent	99%, 81%, 87%
CMY	0.0121, 0.1924, 0.1336
CMYK	0.00, 0.18, 0.12, 0.01
HSL	340°, 88%, 90%
HSV	340°, 18%, 99%
XYZ	75.2137, 70.0064, 77.9049
YIQ	221.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

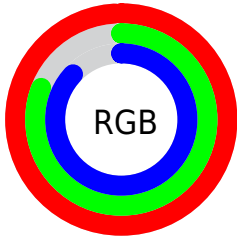
Format	Color
R_{YB}	252, 206, 221
Decimal	16568029
CIE _{Lab}	87.00, 18.51, -1.30
CIE _{LCh}	87, 18.556, 355.998
Yxy	70.0064, 0.3371, 0.3138
Android (android.graphics.Color)	4294758109 (0xFFFCCEDD)
YUV	221.4640, -0.2288, 26.7801
Hunter-Lab	83.6698, 14.0376, 3.3640

Details

The CIELCh color **87, 18.556, 355.998** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 17.678, 172.463**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 18.303, 356.446** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.154, 357.256**, and if you desaturate by 10%, it is **93, 8.237, 354.896**.

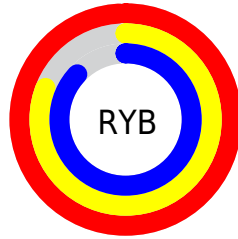
Distribution



Red (99%)

Green (81%)

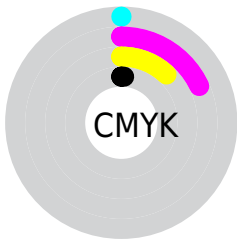
Blue (87%)



Red (99%)

Yellow (81%)

Blue (87%)

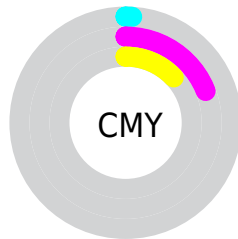


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.556, 355.998 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 87, 18.556, 355.998 by changing the saturation by 10% instead.

 87, 18.556,
355.998

 87, 18.556,
355.998

 100, 18.556,
355.998


 77, 18.556,
355.998

 67, 18.556,
355.998

 57, 18.556,
355.998

 47, 18.556,
355.998

 37, 18.556,
355.998

 27, 18.556,
355.998

 17, 18.556,

355.998

■ 7, 18.556, 355.998

■ 0, 18.556, 355.998

■ 87, 18.556,
355.998

■ 87, 18.556,
355.998

■ 81, 29.154,
357.256

■ 93, 8.237, 354.896

■ 75, 39.858,
358.736

100, 1.070,
196.896

■ 69, 50.368, 0.527

100, 1.068,
199.958

■ 64, 60.269, 2.745

■ 60, 69.058, 5.543

■ 57, 76.274, 9.102

■ 55, 81.708, 13.580

■ 53, 85.678, 18.960

■ 53, 86.360, 19.917

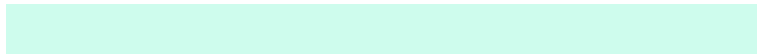
Harmonies

Complementary

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



87, 18.556, 355.998



95, 17.678, 172.463

Rectangle

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



87, 18.556, 355.998



87, 18.556, 45.998



87, 18.556, 175.998



87, 18.556, 225.998

Sweetspot

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



87, 18.553, 356.002



97, 5.007, 354.534



87, 26.435, 315.443



51, 3.420, 354.615



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

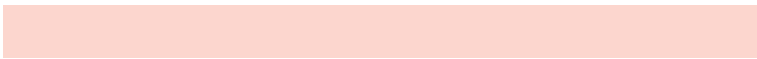
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.553, 356.002



86, 22.719, 356.452



88, 14.997, 35.674



49, 5.648, 355.029



40, 69.148, 18.817



9, 30.504, 10.228

Inverse Universe

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



87, 18.553, 356.002



86, 22.719, 356.452



94, 13.260, 216.073



49, 5.648, 355.029



40, 69.148, 18.817



9, 30.504, 10.228

Previews

White Background



This preview shows how the CIELCh color 87, 18.556, 355.998 looks on a white background.

Color Contrast Check

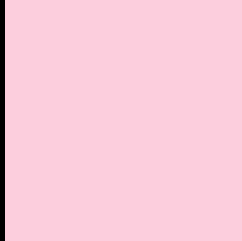
Large Text (above 18pt) WCAG AA × Fail

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 87, 18.556, 355.998 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 87, 18.556, 355.998

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.556, 355.998.

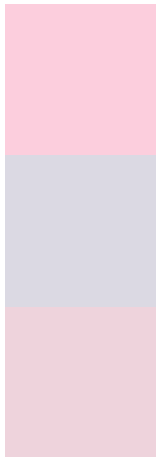


This preview shows how white text looks on a background with the CIELCh color 87, 18.556, 355.998.

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
87, 18.556, 355.998

Protanopia
87, 5.299, 298.295

Deuteranopia
87, 10.913, 354.733



Tritanopia
87, 18.757, 354.534

Trichromacy



Original Color
87, 18.556, 355.998

Protanomaly
87, 9.054, 336.172

Deuteranomaly
87, 13.687, 355.685

Tritanomaly
87, 18.757, 354.534

Monochromacy



Original Color
87, 18.556, 355.998

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.372, 355.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.556, 355.998 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(252, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 206, 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(252, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 206, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.556, 355.998 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(252, 206, 221) }
```

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

```
.border{ border-color:rgb(252, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 206,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.556, 355.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 206, 221) }
```

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

```
.background{ background-color: rgb(252,  
206, 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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