

Converting Colors

CIELCh(85, 20.038, 358.015)

Have a look what the booklet for
CIELCh(85, 20.038, 358.015)
contains.

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Color

CIELCh(85, 20.038, 358.015)

Conversions

Conversions Part 1

Format	Color
Hex	F9C7D6
RGB	249, 199, 214
RGB Percent	98%, 78%, 84%
CMY	0.0226, 0.2187, 0.1599
CMYK	0.00, 0.20, 0.14, 0.02
HSL	342°, 81%, 88%
HSV	342°, 20%, 98%
XYZ	71.7999, 66.0070, 72.7332
YIQ	215.6600, 24.9850, 15.2650

Conversions

Conversions Part 2

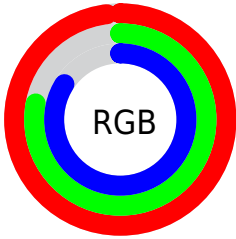
Format	Color
R _Y B	249, 199, 214
Decimal	16369622
CIE Lab	85.00, 20.03, -0.69
CIE LCh	85, 20.038, 358.015
Yxy	66.0070, 0.3410, 0.3135
Android (android.graphics.Color)	4294559702 (0xFFF9C7D6)
YUV	215.6600, -0.8184, 29.2392
Hunter-Lab	81.2447, 15.5709, 3.7927

Details

The CIELCh color **85, 20.038, 358.015** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 18.894, 174.060**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 19.899, 358.666** is the 20% darker color. If you saturate the color by 10%, you get **79, 30.504, 359.331**, and if you desaturate by 10%, it is **91, 9.855, 356.880**.

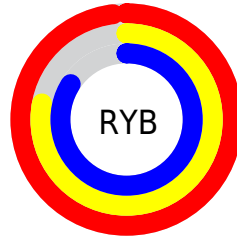
Distribution



Red (98%)

Green (78%)

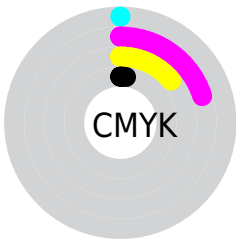
Blue (84%)



Red (98%)

Yellow (78%)

Blue (84%)

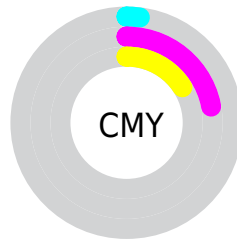


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (22%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 20.038, 358.015 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 85, 20.038, 358.015 by changing the saturation by 10% instead.


 85, 20.038,
358.015


 85, 20.038,
358.015


 100, 20.038,
358.015


 75, 20.038,
358.015

 65, 20.038,
358.015

 55, 20.038,
358.015

 45, 20.038,
358.015

 35, 20.038,
358.015

 25, 20.038,
358.015

 15, 20.038,

358.015

■ 5, 20.038, 358.015

■ 0, 20.038, 358.015

■ 85, 20.038,
358.015

■ 85, 20.038,
358.015

■ 79, 30.504,
359.331

■ 91, 9.855, 356.880

■ 73, 41.073, 0.894

■ 98, 0.067, 347.502

■ 68, 51.439, 2.803

■ 100, 1.996,
199.611

■ 63, 61.185, 5.185

■ 59, 69.825, 8.202

■ 56, 76.946, 12.032

■ 54, 82.428, 16.798

■ 53, 86.744, 22.286

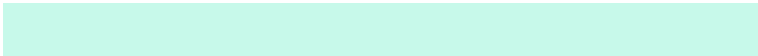
Harmonies

Complementary

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



85, 20.038, 358.015



94, 18.894, 174.060

Rectangle

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



85, 20.038, 358.015



85, 20.038, 48.015



85, 20.038, 178.015



85, 20.038, 228.015

Sweetspot

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



85, 20.035, 358.019



96, 5.936, 356.434



85, 29.073, 316.588



51, 3.943, 356.508



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

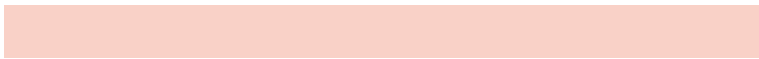
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 20.035, 358.019



84, 24.583, 358.514



87, 16.120, 39.164



49, 5.572, 356.818



40, 69.962, 21.213



9, 30.572, 12.037

Inverse Universe

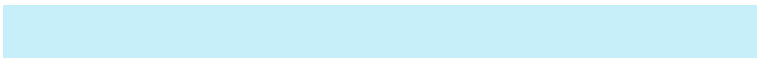
The Inverse Universe completely reimagines the original color for something new.



85, 20.035, 358.019



84, 24.583, 358.514



92, 14.103, 220.264



49, 5.572, 356.818



40, 69.962, 21.213



9, 30.572, 12.037

Previews

White Background



This preview shows how the CIELCh color 85, 20.038, 358.015 looks on a white background.

Color Contrast Check

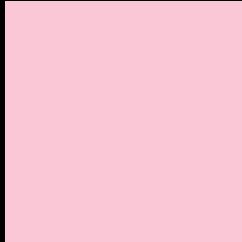
Large Text (above 18pt) WCAG AA × Fail

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 85, 20.038, 358.015 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 85, 20.038, 358.015

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.038, 358.015.



This preview shows how white text looks on a background with the CIELCh color 85, 20.038, 358.015.

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
85, 20.038, 358.015

Protanopia
85, 5.390, 302.052

Deuteranopia
85, 10.579, 359.923



Tritanopia
85, 20.219, 356.629

Trichromacy



Original Color
85, 20.038, 358.015

Protanomaly
85, 9.635, 339.257

Deuteranomaly
85, 13.730, 0.420

Tritanomaly
85, 20.219, 356.629

Monochromacy



Original Color
85, 20.038, 358.015

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.083, 358.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.038, 358.015 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(249, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 214)  
}
```

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(249, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.038, 358.015 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(249, 199, 214) }
```

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

```
.border{ border-color:rgb(249, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.038, 358.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 199, 214) }
```

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

```
.background{ background-color: rgb(249,  
199, 214) }
```

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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