

Converting Colors

CIELCh(85, 20.413, 355.270)

Have a look what the booklet for
CIELCh(85, 20.413, 355.270)
contains.

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Color

CIELCh(85, 20.413, 355.270)

Conversions

Conversions Part 1	
Format	Color
Hex	F9C7D8
RGB	249, 199, 216
RGB Percent	98%, 78%, 85%
CMY	0.0232, 0.2192, 0.1526
CMYK	0.00, 0.20, 0.13, 0.02
HSL	340°, 81%, 88%
HSV	340°, 20%, 98%
XYZ	71.9502, 66.0070, 73.9748
YIQ	215.8880, 24.3430, 15.8870

Conversions

Conversions Part 2

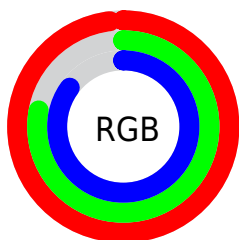
Format	Color
RYB	249, 199, 216
Decimal	16369624
CIELab	85.00, 20.34, -1.68
CIELCh	85, 20.413, 355.270
Yxy	66.0070, 0.3395, 0.3115
Android (android.graphics.Color)	4294559704 (0xFFFF9C7D8)
YUV	215.8880, 0.0552, 29.0392
Hunter-Lab	81.2447, 15.9011, 2.8867

Details

The CIELCh color **85, 20.413, 355.270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 19.404, 171.349**, 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, 20.274, 355.730** is the 20% darker color. If you saturate the color by 10%, you get **79, 30.994, 356.548**, and if you desaturate by 10%, it is **91, 10.067, 354.159**.

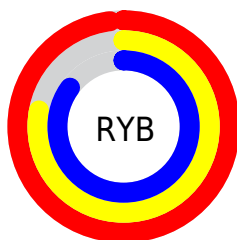
Distribution



Red (98%)

Green (78%)

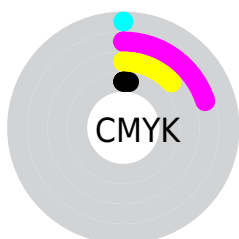
Blue (85%)



Red (98%)

Yellow (78%)

Blue (85%)

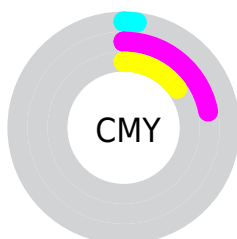


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (2%)



Cyan (2%)


Magenta (22%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 20.413, 355.270 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, 20.413, 355.270 by changing the saturation by 10% instead.


 85, 20.413,
355.270


 85, 20.413,
355.270


 100, 20.413,
355.270


 75, 20.413,
355.270

 65, 20.413,
355.270

 55, 20.413,
355.270

 45, 20.413,
355.270


 35, 20.413,
355.270


 25, 20.413,
355.270


 15, 20.413,

355.270


 5, 20.413, 355.270


 0, 20.413, 355.270

 85, 20.413,
355.270


 85, 20.413,
355.270


 79, 30.994,
356.548

 91, 10.067,
354.159

 73, 41.614,
358.055

 98, 0.078, 346.225

 68, 51.950,
359.881

 100, 2.048,
199.599

 63, 61.562, 2.147

 59, 69.941, 5.008

■ 56, 76.647, 8.647

■ 54, 81.533, 13.217

■ 53, 85.097, 18.572

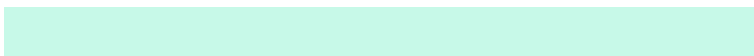
Harmonies

Complementary

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



85, 20.413, 355.270



94, 19.404, 171.349

Rectangle

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



85, 20.413, 355.270



85, 20.413, 45.270



85, 20.413, 175.270



85, 20.413, 225.270

Sweetspot

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



85, 20.410, 355.274



96, 6.066, 353.720



84, 28.742, 314.986



51, 4.028, 353.792



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, 20.410, 355.274



84, 25.019, 355.755



86, 16.657, 34.030



49, 5.690, 354.097



40, 68.773, 17.517



9, 30.478, 9.214

Inverse Universe

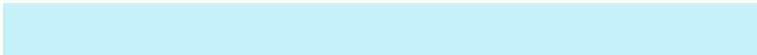
The Inverse Universe completely reimagines the original color for something new.



85, 20.410, 355.274



84, 25.019, 355.755



93, 14.521, 214.122



49, 5.690, 354.097



40, 68.773, 17.517



9, 30.478, 9.214

Previews

White Background



This preview shows how the CIELCh color 85, 20.413, 355.270 looks on a white background.

Color Contrast Check

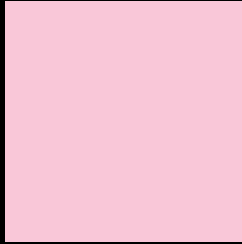
Large Text (above 18pt) WCAG AA × Fail

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, 20.413, 355.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

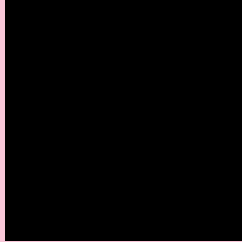
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 20.413, 355.270

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.413, 355.270.



This preview shows how white text looks on a background with the CIELCh color 85, 20.413, 355.270.

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, 20.413, 355.270

Protanopia

85, 6.370, 297.102

Deuteranopia




85, 10.630, 353.862



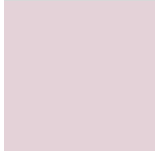
Tritanopia

85, 20.219, 356.629

Trichromacy

	Original Color 85, 20.413, 355.270
	Protanomaly 85, 9.722, 335.476
	Deuteranomaly 85, 14.304, 354.461
	Tritanomaly 85, 20.219, 356.629

Monochromacy

	Original Color 85, 20.413, 355.270
	Achromatopsia 86, 0.010, 296.813
	Achromatomaly 86, 7.287, 354.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.413, 355.270 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 216) }
```

Border

The CSS property to change the border of an element to CIElCh 85, 20.413, 355.270 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, 216) }
```

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

```
.border{ border-color:rgb(249, 199, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.413, 355.270 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, 216) }
```

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

```
.background{ background-color: rgb(249,  
199, 216) }
```

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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