

Converting Colors

CIELCh(90, 43.081, 7.071)

Have a look what the booklet for
CIELCh(90, 43.081, 7.071) contains.

CIELCh(85, 25.045, 352.825)	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(85, 25.045, 352.825)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4DB
RGB	255, 196, 219
RGB Percent	100%, 77%, 86%
CMY	0.0000, 0.2316, 0.1414
CMYK	0.00, 0.23, 0.14, 0.00
HSL	337°, 100%, 88%
HSV	337°, 23%, 100%
XYZ	74.1055, 66.0070, 75.8136
YIQ	216.2630, 27.7810, 19.6610

Conversions

Conversions Part 2

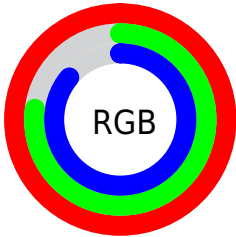
Format	Color
R _Y B	255, 196, 219
Decimal	16762075
CIE Lab	85.00, 24.85, -3.13
CIE LCh	85, 25.045, 352.825
Yxy	66.0070, 0.3432, 0.3057
Android (android.graphics.Color)	4294952155 (0xFFFFC4DB)
YUV	216.2630, 1.3493, 33.9723
Hunter-Lab	81.2447, 20.6364, 1.5448

Details

The CIELCh color **85, 25.045, 352.825** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 23.563, 167.852**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **65, 24.750, 352.743** is the 20% darker color. If you saturate the color by 10%, you get **79, 35.721, 353.657**, and if you desaturate by 10%, it is **91, 13.857, 351.269**.

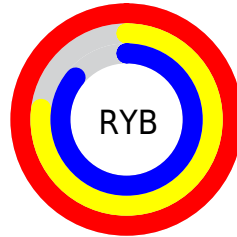
Distribution



Red (100%)

Green (77%)

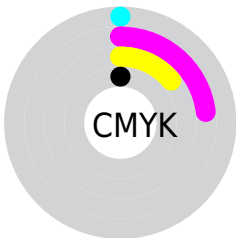
Blue (86%)



Red (100%)

Yellow (77%)

Blue (86%)

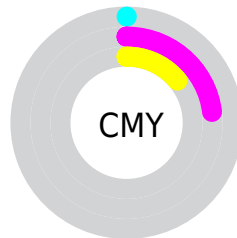


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.045, 352.825 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, 25.045, 352.825 by changing the saturation by 10% instead.


 85, 25.045,
352.825


 85, 25.045,
352.825


 100, 25.045,
352.825


 75, 25.045,
352.825

 65, 25.045,
352.825

 55, 25.045,
352.825

 45, 25.045,
352.825

 35, 25.045,
352.825

 25, 25.045,
352.825

 15, 25.045,

352.825

■ 5, 25.045, 352.825

■ 0, 25.045, 352.825

■ 85, 25.045,
352.825

■ 85, 25.045,
352.825

■ 79, 35.721,
353.657

■ 91, 13.857,
351.269

■ 73, 46.586,
355.162

■ 98, 3.277, 350.183

■ 68, 56.930,
356.982

100, 0.012,
296.813

■ 63, 66.247,
359.237

■ 59, 73.985, 2.087

■ 57, 79.727, 5.715

■ 55, 83.434, 10.275

■ 54, 85.217, 13.851

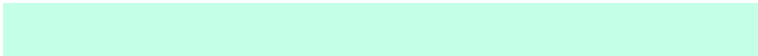
Harmonies

Complementary

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



85, 25.045, 352.825



96, 23.563, 167.852

Rectangle

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



85, 25.045, 352.825



85, 25.045, 42.825



85, 25.045, 172.825



85, 25.045, 222.825

Sweetspot

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



85, 24.724, 352.381



95, 7.297, 350.628



84, 33.549, 313.500



50, 4.746, 350.691



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, 24.724, 352.381



82, 30.042, 352.974



86, 20.639, 29.425



50, 5.951, 350.888



41, 68.468, 12.825



10, 31.287, 5.681

Inverse Universe

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



85, 24.724, 352.381



82, 30.042, 352.974



95, 17.558, 208.388



50, 5.951, 350.888



41, 68.468, 12.825



10, 31.287, 5.681

Previews

White Background



This preview shows how the CIELCh color 85, 25.045, 352.825 looks on a white background.

Color Contrast Check

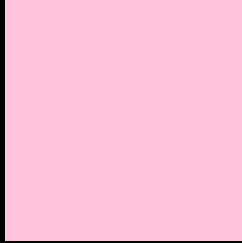
Large Text (above 18pt) WCAG AA × Fail

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, 25.045, 352.825 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, 25.045, 352.825

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.045, 352.825.



This preview shows how white text looks on a background with the CIELCh color 85, 25.045, 352.825.

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, 24.701, 352.360

Protanopia
85, 8.963, 293.180

Deuteranopia
85, 10.803, 347.938



Tritanopia
85, 22.523, 0.931

Trichromacy



Original Color
85, 24.701, 352.360

Protanomaly
85, 12.779, 328.951

Deuteranomaly
85, 16.226, 349.588

Tritanomaly
85, 23.010, 357.210

Monochromacy



Original Color
85, 24.701, 352.360

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.739, 351.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.045, 352.825 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(255, 196, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 219)  
}
```

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(255, 196, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.045, 352.825 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(255, 196, 219) }
```

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

```
.border{ border-color:rgb(255, 196, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.045, 352.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 219) }
```

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

```
.background{ background-color: rgb(255,  
196, 219) }
```

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