

Converting Colors

CIELCh(85, 23.012, 2.561)

Have a look what the booklet for
CIELCh(85, 23.012, 2.561) contains.

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Color

CIELCh(85, 22.742, 2.557)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5D3
RGB	255, 197, 211
RGB Percent	100%, 77%, 83%
CMY	0.0000, 0.2268, 0.1719
CMYK	0.00, 0.23, 0.17, 0.00
HSL	345°, 100%, 89%
HSV	345°, 23%, 100%
XYZ	73.0815, 66.0070, 70.6215
YIQ	215.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

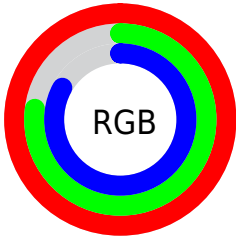
Format	Color
RYB	255, 197, 211
Decimal	16762323
CIELab	85.00, 22.72, 1.01
CIElCh	85, 22.742, 2.557
Yxy	66.0070, 0.3485, 0.3148
Android (android.graphics.Color)	4294952403 (0xFFFFC5D3)
YUV	215.9380, -2.4344, 34.2574
Hunter-Lab	81.2447, 18.3866, 5.3338

Details

The CIELCh color **85, 22.742, 2.557** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 20.900, 177.959**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **65, 22.920, 2.214** is the 20% darker color. If you saturate the color by 10%, you get **79, 33.296, 3.915**, and if you desaturate by 10%, it is **92, 12.399, 1.306**.

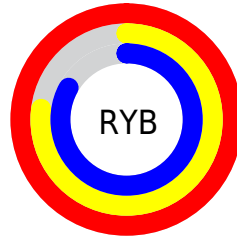
Distribution



Red (100%)

Green (77%)

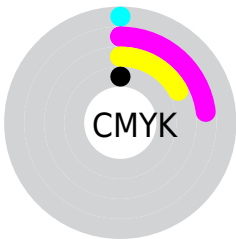
Blue (83%)



Red (100%)

Yellow (77%)

Blue (83%)

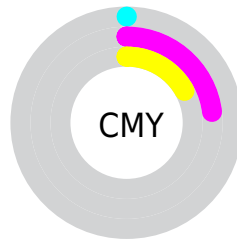


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (0%)



Cyan (0%)

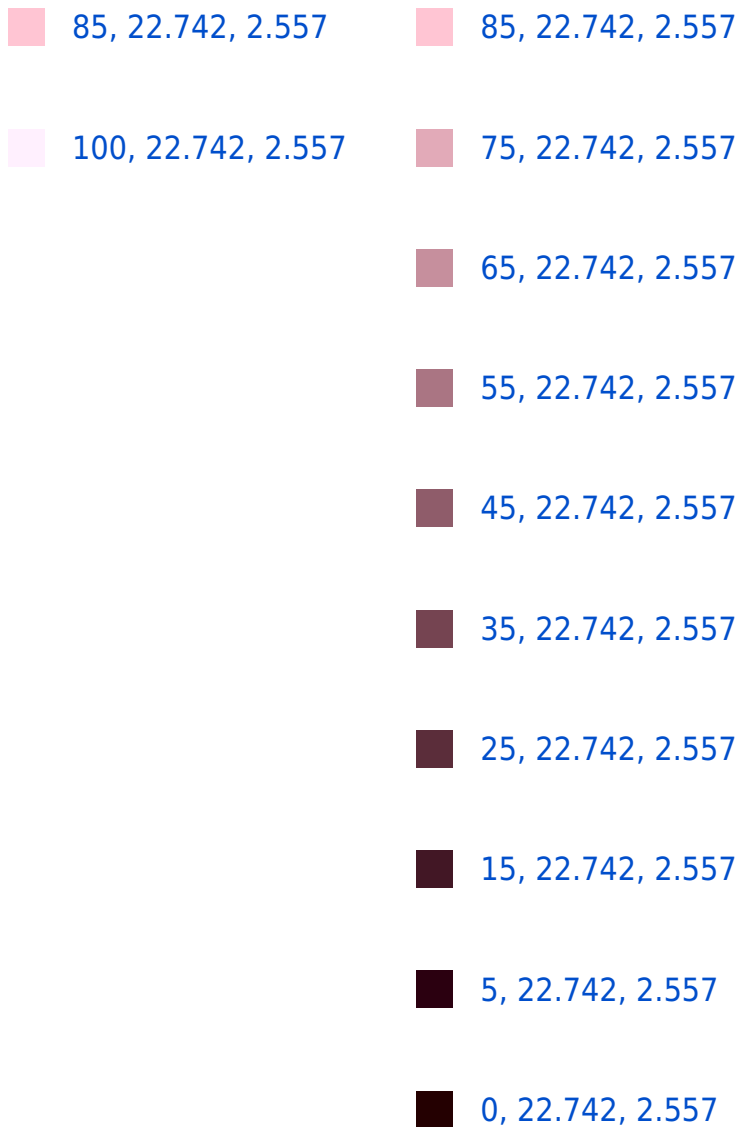
Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.742, 2.557 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, 22.742, 2.557 by changing the saturation by 10% instead.



85, 22.742, 2.557

85, 22.742, 2.557

79, 33.296, 3.915

92, 12.399, 1.306

73, 44.053, 5.628

98, 2.561, 0.118

67, 54.640, 7.755

100, 0.012,
296.813

63, 64.636, 10.439

59, 73.586, 13.849

56, 81.159, 18.128

54, 87.349, 23.286

54, 91.340, 27.358

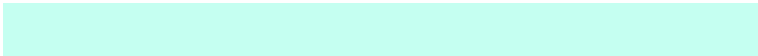
Harmonies

Complementary

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



85, 22.742, 2.557



96, 20.900, 177.959

Rectangle

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



85, 22.742, 2.557



85, 22.742, 52.557



85, 22.742, 182.557



85, 22.742, 232.557

Sweetspot

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



85, 22.679, 2.503



95, 6.753, 0.678



85, 33.949, 318.280



50, 4.394, 0.745



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

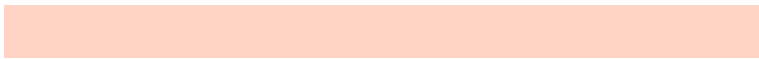
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 22.679, 2.503



82, 27.232, 3.082



88, 18.305, 44.532



50, 5.517, 0.954



40, 72.974, 26.287



10, 31.743, 16.461

Inverse Universe

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



85, 22.679, 2.503



82, 27.232, 3.082



92, 15.827, 226.944



50, 5.517, 0.954



40, 72.974, 26.287



10, 31.743, 16.461

Previews

White Background



This preview shows how the CIELCh color 85, 22.742, 2.557 looks on a white background.

Color Contrast Check

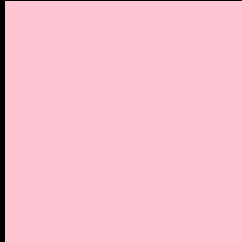
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 22.742, 2.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

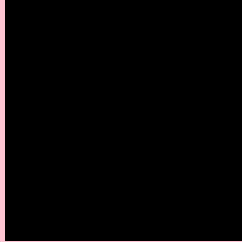
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.742, 2.557

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.742, 2.557.



This preview shows how white text looks on a background with the CIELCh color 85, 22.742, 2.557.

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, 22.742, 2.557

Protanopia

85, 4.365, 304.755

Deuteranopia

85, 10.552, 8.744



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 22.742, 2.557

Protanomaly
85, 9.912, 348.170

Deuteranomaly
85, 14.917, 6.376

Tritanomaly
85, 22.877, 1.299

Monochromacy



Original Color
85, 22.742, 2.557

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.128, 1.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.742, 2.557 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, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 211)  
}
```

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, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.742, 2.557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

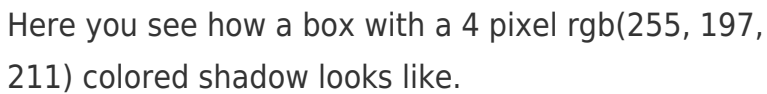
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 197, 211) }
```

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

```
.border{ border-color:rgb(255, 197, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 197, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 197, 211); box-shadow:4px 4px 4px 4px rgb(255, 197, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.742, 2.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 211) }
```

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

```
.background{ background-color: rgb(255,  
197, 211) }
```

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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