

Converting Colors

CIELCh(85, 21.095, 15.340)

Have a look what the booklet for
CIELCh(85, 21.095, 15.340) contains.

CIELCh(85, 20.862, 15.325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 20.862, 15.325)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7CB
RGB	254, 199, 203
RGB Percent	100%, 78%, 80%
CMY	0.0052, 0.2208, 0.2052
CMYK	0.00, 0.22, 0.20, 0.01
HSL	356°, 95%, 89%
HSV	356°, 22%, 99%
XYZ	71.8445, 66.0070, 65.2574
YIQ	215.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

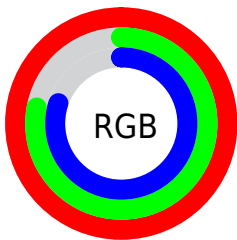
Format	Color
RYB	254, 199, 203
Decimal	16697291
CIE Lab	85.00, 20.12, 5.51
CIE LCh	85, 20.862, 15.325
Yxy	66.0070, 0.3537, 0.3250
Android (android.graphics.Color)	4294887371 (0xFFFE C7CB)
YUV	215.9010, -6.3602, 33.4128
Hunter-Lab	81.2447, 15.6689, 9.2483

Details

The CIELCh color **85, 20.862, 15.325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.412, 191.848**, 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, 20.991, 15.525** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.489, 16.623**, and if you desaturate by 10%, it is **92, 10.854, 14.280**.

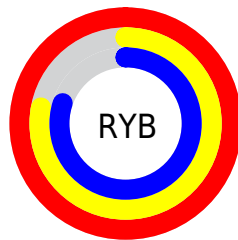
Distribution



Red (100%)

Green (78%)

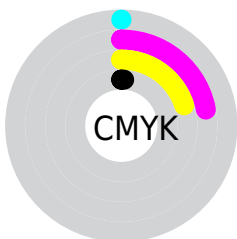
Blue (80%)



Red (100%)

Yellow (78%)

Blue (80%)

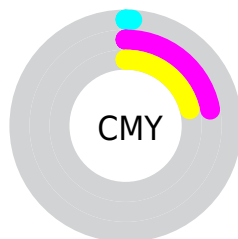


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.862, 15.325 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, 20.862, 15.325 by changing the saturation by 10% instead.

 85, 20.862, 15.325

 85, 20.862, 15.325

 100, 20.862,
15.325

 75, 20.862, 15.325

 65, 20.862, 15.325

 55, 20.862, 15.325

 45, 20.862, 15.325

 35, 20.862, 15.325

 25, 20.862, 15.325

 15, 20.862, 15.325

 5, 20.862, 15.325

 0, 20.862, 15.325

85, 20.862, 15.325

85, 20.862, 15.325

79, 31.489, 16.623

92, 10.854, 14.280

73, 42.634, 18.258

98, 1.504, 13.080

67, 54.085, 20.351

100, 0.463,
200.808

62, 65.522, 23.034

58, 76.553, 26.410

55, 86.766, 30.456

54, 95.619, 34.798

53, 101.232,
37.858

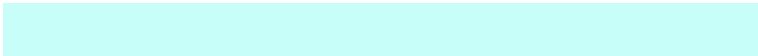
Harmonies

Complementary

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



85, 20.862, 15.325



96, 18.412, 191.848

Rectangle

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



85, 20.862, 15.325



85, 20.862, 65.325



85, 20.862, 195.325



85, 20.862, 245.325

Sweetspot

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



85, 20.860, 15.331



95, 6.431, 13.830



86, 33.712, 323.255



50, 4.187, 13.889



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

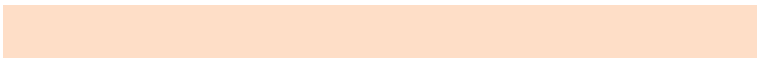
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 20.860, 15.331



83, 25.496, 15.856



90, 17.097, 63.554



50, 5.269, 14.071



40, 81.215, 37.227



10, 32.795, 24.244

Inverse Universe

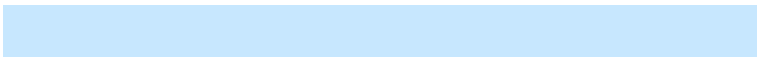
The Inverse Universe completely reimagines the original color for something new.



85, 20.860, 15.331



83, 25.496, 15.856



90, 15.637, 248.793



50, 5.269, 14.071



40, 81.215, 37.227



10, 32.795, 24.244

Previews

White Background



This preview shows how the CIELCh color 85, 20.862, 15.325 looks on a white background.

Color Contrast Check

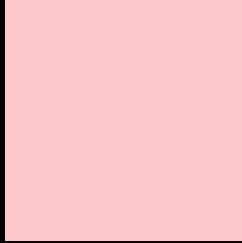
Large Text (above 18pt) WCAG AA × Fail

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, 20.862, 15.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

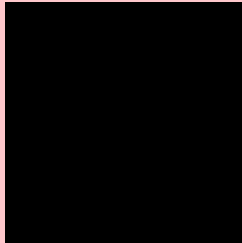
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 20.862, 15.325

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.862, 15.325.



This preview shows how white text looks on a background with the CIELCh color 85, 20.862, 15.325.

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, 20.862, 15.325

Protanopia

85, 2.089, 49.337

Deuteranopia

85, 12.220, 30.071



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 20.862, 15.325

Protanomaly
85, 8.514, 19.979

Deuteranomaly
85, 15.077, 22.494

Tritanomaly
85, 22.017, 6.114

Monochromacy



Original Color
85, 20.862, 15.325

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.374, 15.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.862, 15.325 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(254, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 203)  
}
```

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(254, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.862, 15.325 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(254, 199, 203) }
```

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

```
.border{ border-color:rgb(254, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.862, 15.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 203) }
```

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

```
.background{ background-color: rgb(254,  
199, 203) }
```

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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