

Converting Colors

CIELCh(85, 21.287, 15.599)

Have a look what the booklet for
CIELCh(85, 21.287, 15.599) contains.

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Color

CIELCh(85, 21.269, 15.472)

Conversions

Conversions Part 1

Format	Color
Hex	FEC6CA
RGB	254, 198, 202
RGB Percent	100%, 78%, 79%
CMY	0.0023, 0.2219, 0.2063
CMYK	0.00, 0.22, 0.20, 0.00
HSL	356°, 98%, 89%
HSV	356°, 22%, 100%
XYZ	72.0235, 66.0070, 65.0717
YIQ	215.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

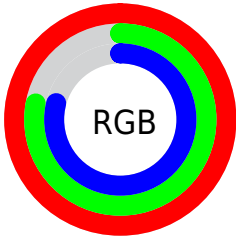
Format	Color
RYB	254, 198, 202
Decimal	16697034
CIELab	85.00, 20.50, 5.67
CIELCh	85, 21.269, 15.472
Yxy	66.0070, 0.3546, 0.3250
Android (android.graphics.Color)	4294887114 (0xFFFE6CA)
YUV	215.2000, -6.5076, 34.0276
Hunter-Lab	81.2447, 16.0622, 9.3839

Details

The CIELCh color **85, 21.269, 15.472** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.723, 191.941**, 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, 21.430, 15.702** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.945, 16.779**, and if you desaturate by 10%, it is **92, 11.213, 14.422**.

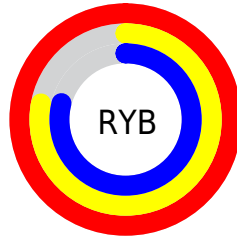
Distribution



Red (100%)

Green (78%)

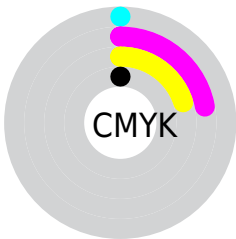
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

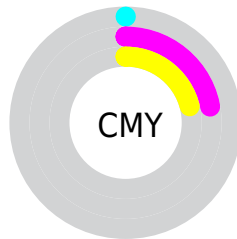


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.269, 15.472 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, 21.269, 15.472 by changing the saturation by 10% instead.

 85, 21.269, 15.472

 85, 21.269, 15.472

 100, 21.269,
15.472

 75, 21.269, 15.472

 65, 21.269, 15.472

 55, 21.269, 15.472

 45, 21.269, 15.472

 35, 21.269, 15.472

 25, 21.269, 15.472

 15, 21.269, 15.472

 5, 21.269, 15.472

 0, 21.269, 15.472

85, 21.269, 15.472

85, 21.269, 15.472

79, 31.945, 16.779

92, 11.213, 14.422

73, 43.139, 18.426

98, 1.819, 13.290

67, 54.633, 20.536

100, 0.199,
202.725

62, 66.104, 23.240

58, 77.158, 26.639

56, 87.377, 30.700

54, 96.197, 35.024

53, 101.535,
37.914

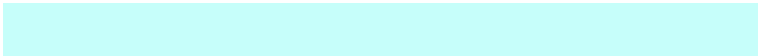
Harmonies

Complementary

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



85, 21.269, 15.472



96, 18.723, 191.941

Rectangle

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



85, 21.269, 15.472



85, 21.269, 65.472



85, 21.269, 195.472



85, 21.269, 245.472

Sweetspot

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



85, 21.267, 15.478



95, 6.430, 13.940



86, 34.334, 323.273



50, 4.187, 13.999



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

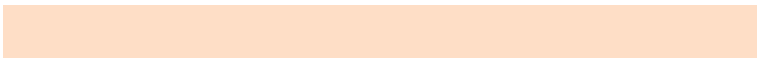
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 21.267, 15.478



83, 25.496, 15.961



90, 17.430, 63.518



50, 5.268, 14.181



40, 81.272, 37.284



10, 32.805, 24.300

Inverse Universe

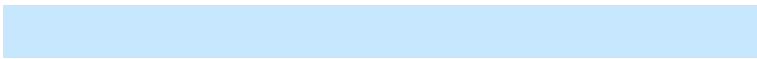
The Inverse Universe completely reimagines the original color for something new.



85, 21.267, 15.478



83, 25.496, 15.961



90, 15.915, 248.849



50, 5.268, 14.181



40, 81.272, 37.284



10, 32.805, 24.300

Previews

White Background



This preview shows how the CIELCh color 85, 21.269, 15.472 looks on a white background.

Color Contrast Check

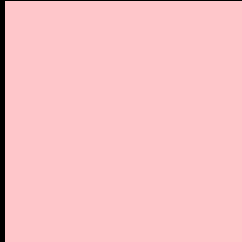
Large Text (above 18pt) WCAG AA × Fail

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, 21.269, 15.472 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, 21.269, 15.472

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.269, 15.472.

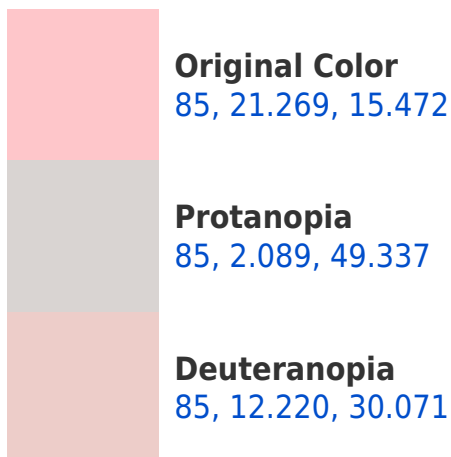


This preview shows how white text looks on a background with the CIELCh color 85, 21.269, 15.472.

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





Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.269, 15.472

Protanomaly
85, 8.891, 20.010

Deuteranomaly
85, 15.077, 22.494

Tritanomaly
85, 22.017, 6.114

Monochromacy



Original Color
85, 21.269, 15.472

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, 21.269, 15.472 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, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 202)  
}
```

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, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.269, 15.472 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, 198, 202) }
```

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

```
.border{ border-color:rgb(254, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.269, 15.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 202) }
```

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

```
.background{ background-color: rgb(254,  
198, 202) }
```

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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