

Converting Colors

CIELCh(86, 37.903, 23.197)

Have a look what the booklet for
CIELCh(86, 37.903, 23.197) contains.

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Color

CIELCh(83, 25.514, 21.462)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEBE
RGB	255, 190, 190
RGB Percent	100%, 75%, 75%
CMY	0.0000, 0.2540, 0.2540
CMYK	0.00, 0.25, 0.25, 0.00
HSL	0°, 100%, 87%
HSV	0°, 25%, 100%
XYZ	69.5061, 62.1629, 57.1759
YIQ	209.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

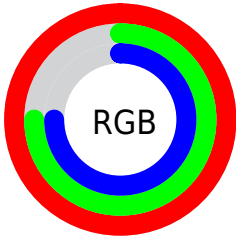
Format	Color
R _Y B	255, 190, 190
Decimal	16760510
CIE Lab	83.00, 23.74, 9.34
CIE LCh	83, 25.514, 21.462
Yxy	62.1629, 0.3681, 0.3292
Android (android.graphics.Color)	4294950590 (0xFFFFBEBE)
YUV	209.4350, -9.5815, 39.9605
Hunter-Lab	78.8435, 19.3843, 12.1944

Details

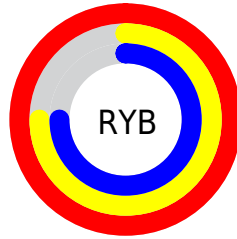
The CIELCh color **83, 25.514, 21.462** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.031, 198.142**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.870, 29.570**, and **63, 25.121, 20.767** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.148, 22.687**, and if you desaturate by 10%, it is **89, 14.570, 20.448**.

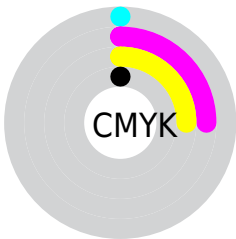
Distribution



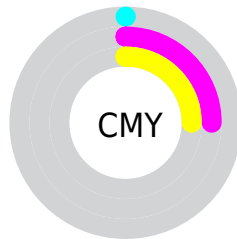
- Red (100%)
- Green (75%)
- Blue (75%)



- Red (100%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.514, 21.462 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 83, 25.514, 21.462 by changing the saturation by 10% instead.

83, 25.514, 21.462

83, 25.514, 21.462

100, 25.514,
21.462

73, 25.514, 21.462

63, 25.514, 21.462

53, 25.514, 21.462

43, 25.514, 21.462

33, 25.514, 21.462

23, 25.514, 21.462

13, 25.514, 21.462

3, 25.514, 21.462

0, 25.514, 21.462

83, 25.514, 21.462

83, 25.514, 21.462

77, 36.148, 22.687

89, 14.570, 20.448

71, 47.931, 24.340

96, 4.912, 19.621

65, 60.116, 26.497

100, 0.012,
296.813

61, 72.354, 29.256

57, 84.158, 32.608

55, 94.724, 36.219

54, 102.282,
39.096

53, 104.573,
40.002

Harmonies

Complementary

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



83, 25.514, 21.462



96, 21.031, 198.142

Rectangle

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



83, 25.514, 21.462



83, 25.514, 71.462



83, 25.514, 201.462



83, 25.514, 251.462

Sweetspot

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



83, 24.991, 21.425



94, 7.347, 19.840



85, 40.619, 325.834



49, 5.253, 19.960



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 24.991, 21.425



80, 30.032, 21.963



91, 21.004, 72.232



49, 5.253, 19.960



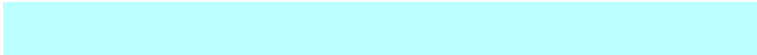
40, 84.227, 40.002



10, 33.363, 27.187

Inverse Universe

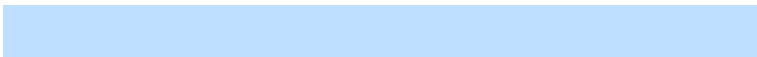
The Inverse Universe completely reimagines the original color for something new.



96, 21.031, 198.142



95, 24.405, 197.932



87, 19.590, 259.298



52, 4.944, 198.981



70, 40.353, 196.419



24, 18.565, 196.415

Previews

White Background



This preview shows how the CIELCh color 83, 25.514, 21.462 looks on a white background.

Color Contrast Check

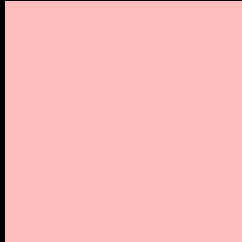
Large Text (above 18pt) WCAG AA × Fail

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 83, 25.514, 21.462 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 83, 25.514, 21.462

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.514, 21.462.

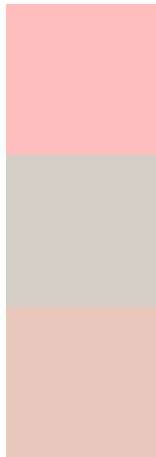


This preview shows how white text looks on a background with the CIELCh color 83, 25.514, 21.462.

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

83, 25.090, 21.418

Protanopia

83, 4.285, 78.623

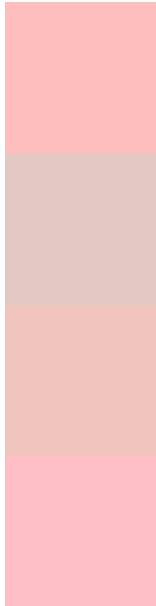
Deuteranopia

83, 14.084, 42.117



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 25.090, 21.418

Protanomaly
83, 10.766, 31.379

Deuteranomaly
83, 17.742, 32.573

Tritanomaly
83, 25.461, 10.906

Monochromacy



Original Color
83, 25.090, 21.418

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.548, 19.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.514, 21.462 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, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 190)  
}
```

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, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.514, 21.462 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, 190, 190) }
```

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

```
.border{ border-color:rgb(255, 190, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.514, 21.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 190) }
```

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

```
.background{ background-color: rgb(255,  
190, 190) }
```

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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