

Converting Colors

CIELCh(83, 25.494, 10.807)

Have a look what the booklet for
CIELCh(83, 25.494, 10.807) contains.

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Color

CIELCh(83, 25.054, 10.692)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC7
RGB	255, 190, 199
RGB Percent	100%, 75%, 78%
CMY	0.0003, 0.2551, 0.2199
CMYK	0.00, 0.25, 0.22, 0.00
HSL	352°, 100%, 87%
HSV	352°, 25%, 100%
XYZ	69.9116, 62.1629, 62.3045
YIQ	210.4610, 35.8510, 16.5790

Conversions

Conversions Part 2

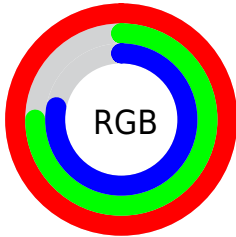
Format	Color
R _Y B	255, 190, 199
Decimal	16760519
CIE Lab	83.00, 24.62, 4.65
CIE LCh	83, 25.054, 10.692
Yxy	62.1629, 0.3597, 0.3198
Android (android.graphics.Color)	4294950599 (0xFFFFBEC7)
YUV	210.4610, -5.6503, 39.0607
Hunter-Lab	78.8435, 20.3022, 8.3377

Details

The CIELCh color **83, 25.054, 10.692** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 22.075, 185.903**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.981, 324.553**, and **63, 25.036, 10.699** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.785, 12.180**, and if you desaturate by 10%, it is **90, 14.790, 9.481**.

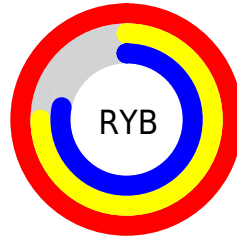
Distribution



Red (100%)

Green (75%)

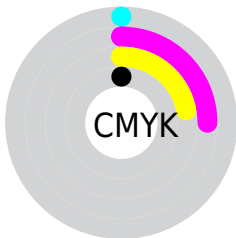
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

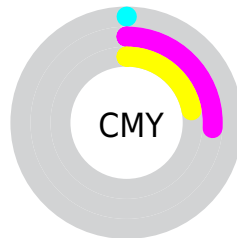


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.054, 10.692 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, 25.054, 10.692 by changing the saturation by 10% instead.

 83, 25.054, 10.692

 83, 25.054, 10.692

 100, 25.054,
10.692

 73, 25.054, 10.692

 63, 25.054, 10.692

 53, 25.054, 10.692

 43, 25.054, 10.692

 33, 25.054, 10.692

 23, 25.054, 10.692

 13, 25.054, 10.692

 3, 25.054, 10.692

 0, 25.054, 10.692

83, 25.054, 10.692

83, 25.054, 10.692

77, 35.785, 12.180

90, 14.790, 9.481

71, 46.814, 14.033

96, 5.087, 8.410

66, 57.850, 16.382

100, 0.027,
224.676

61, 68.513, 19.372

58, 78.406, 23.128

55, 87.240, 27.648

54, 94.821, 32.609

53, 97.847, 34.688

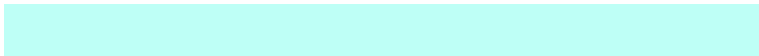
Harmonies

Complementary

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



83, 25.054, 10.692



96, 22.075, 185.903

Rectangle

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



83, 25.054, 10.692



83, 25.054, 60.692



83, 25.054, 190.692



83, 25.054, 240.692

Sweetspot

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



83, 25.051, 10.697



95, 7.467, 8.681



84, 39.153, 321.468



50, 5.331, 8.839



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

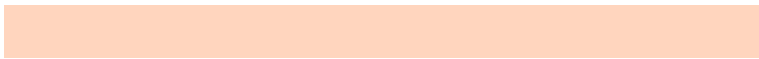
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 25.051, 10.697



80, 30.920, 11.474



88, 20.315, 55.621



50, 5.331, 8.839



40, 78.071, 33.803



10, 32.351, 21.508

Inverse Universe

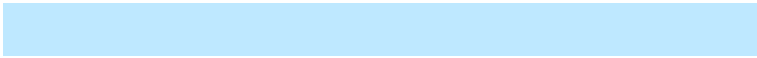
The Inverse Universe completely reimagines the original color for something new.



83, 25.051, 10.697



80, 30.920, 11.474



90, 17.752, 240.746



50, 5.331, 8.839



40, 78.071, 33.803



10, 32.351, 21.508

Previews

White Background



This preview shows how the CIELCh color 83, 25.054, 10.692 looks on a white background.

Color Contrast Check

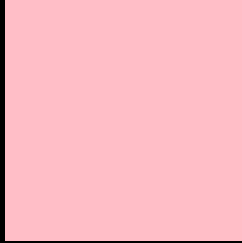
Large Text (above 18pt) WCAG AA × Fail

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 83, 25.054, 10.692 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, 25.054, 10.692

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.054, 10.692.

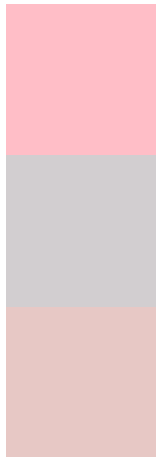


This preview shows how white text looks on a background with the CIELCh color 83, 25.054, 10.692.

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, 25.054, 10.692

Protanopia

83, 1.813, 343.573

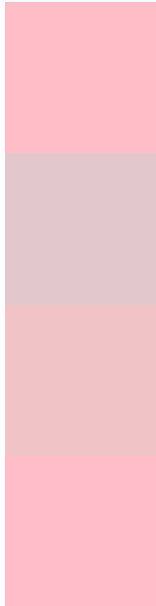
Deuteranopia

83, 11.798, 27.896



Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 25.054, 10.692

Protanomaly
83, 9.987, 4.878

Deuteranomaly
83, 16.666, 17.102

Tritanomaly
83, 25.733, 6.281

Monochromacy



Original Color
83, 25.054, 10.692

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.653, 9.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.054, 10.692 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.054, 10.692 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, 199) }
```

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

```
.border{ border-color:rgb(255, 190, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.054, 10.692 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
190, 199) }
```

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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