

Converting Colors

CIELCh(95, 63.803, 21.936)

Have a look what the booklet for
CIELCh(95, 63.803, 21.936) contains.

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Color

CIELCh(83, 24.137, 13.938)

Conversions

Conversions Part 1

Format	Color
Hex	FEBFC5
RGB	254, 191, 197
RGB Percent	100%, 75%, 77%
CMY	0.0053, 0.2520, 0.2285
CMYK	0.00, 0.25, 0.22, 0.01
HSL	354°, 96%, 87%
HSV	354°, 25%, 99%
XYZ	69.3588, 62.1629, 61.0015
YIQ	210.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

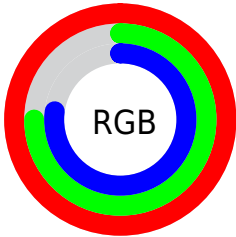
Format	Color
R _Y B	254, 191, 197
Decimal	16695237
CIE Lab	83.00, 23.43, 5.81
CIE LCh	83, 24.137, 13.938
Yxy	62.1629, 0.3603, 0.3229
Android (android.graphics.Color)	4294885317 (0xFFFEBC5)
YUV	210.5210, -6.6659, 38.1311
Hunter-Lab	78.8435, 19.0508, 9.3176

Details

The CIELCh color **83, 24.137, 13.938** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 21.043, 189.638**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.948, 328.686**, and **63, 24.114, 14.099** is the 20% darker color. If you saturate the color by 10%, you get **77, 34.881, 15.363**, and if you desaturate by 10%, it is **90, 13.946, 12.793**.

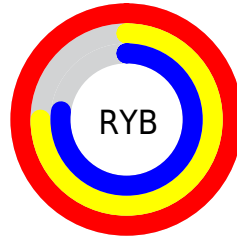
Distribution



Red (100%)

Green (75%)

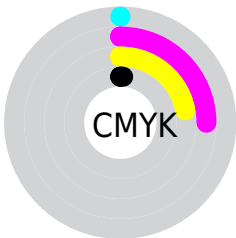
Blue (77%)



Red (100%)

Yellow (75%)

Blue (77%)

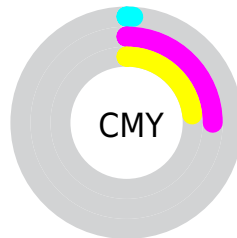


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.137, 13.938 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, 24.137, 13.938 by changing the saturation by 10% instead.

 83, 24.137, 13.938

 83, 24.137, 13.938

 100, 24.137,
13.938

 73, 24.137, 13.938

 63, 24.137, 13.938

 53, 24.137, 13.938

 43, 24.137, 13.938

 33, 24.137, 13.938

 23, 24.137, 13.938

 13, 24.137, 13.938

 3, 24.137, 13.938

 0, 24.137, 13.938

83, 24.137, 13.938

83, 24.137, 13.938

77, 34.881, 15.363

90, 13.946, 12.793

71, 46.036, 17.155

96, 4.377, 11.771

66, 57.343, 19.443

100, 0.472,
200.779

61, 68.448, 22.362

57, 78.954, 26.012

55, 88.495, 30.333

53, 96.601, 34.879

53, 100.039,
36.914

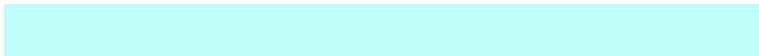
Harmonies

Complementary

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



83, 24.137, 13.938



95, 21.043, 189.638

Rectangle

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



83, 24.137, 13.938



83, 24.137, 63.938



83, 24.137, 193.938



83, 24.137, 243.938

Sweetspot

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



83, 24.135, 13.943



95, 6.453, 12.005



84, 38.427, 322.922



50, 4.201, 12.066



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, 24.135, 13.943



80, 29.786, 14.642



89, 19.694, 61.352



50, 5.285, 12.255



40, 80.198, 36.188



10, 32.633, 23.310

Inverse Universe

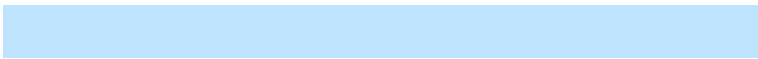
The Inverse Universe completely reimagines the original color for something new.



83, 24.135, 13.943



80, 29.786, 14.642



89, 17.627, 247.196



50, 5.285, 12.255



40, 80.198, 36.188



10, 32.633, 23.310

Previews

White Background



This preview shows how the CIELCh color 83, 24.137, 13.938 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, 24.137, 13.938 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, 24.137, 13.938

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.137, 13.938.

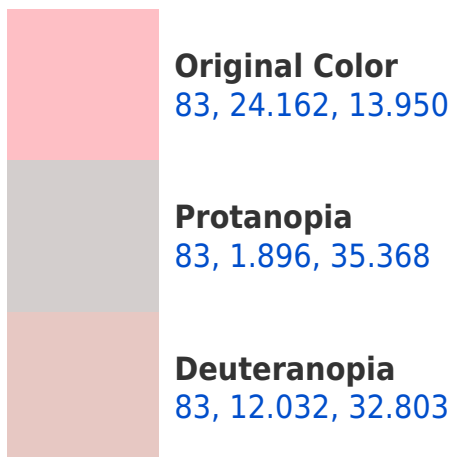


This preview shows how white text looks on a background with the CIELCh color 83, 24.137, 13.938.

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](#).

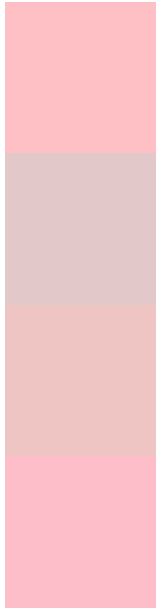
Dichromacy





Tritanopia
83, 25.071, 4.555

Trichromacy



Original Color
83, 24.162, 13.950

Protanomaly
83, 10.114, 14.182

Deuteranomaly
83, 15.950, 22.491

Tritanomaly
83, 24.799, 8.090

Monochromacy



Original Color
83, 24.162, 13.950

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.585, 12.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.137, 13.938 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, 191, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 197)  
}
```

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, 191, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.137, 13.938 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, 191, 197) }
```

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

```
.border{ border-color:rgb(254, 191, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 191, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.137, 13.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 197) }
```

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

```
.background{ background-color: rgb(254,  
191, 197) }
```

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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