

Converting Colors

CIELCh(83, 24.485, 24.980)

Have a look what the booklet for
CIELCh(83, 24.485, 24.980) contains.

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Color

CIELCh(83, 24.485, 24.980)

Conversions

Conversions Part 1

Format	Color
Hex	FEBFBC
RGB	254, 191, 188
RGB Percent	100%, 75%, 74%
CMY	0.0027, 0.2498, 0.2616
CMYK	0.00, 0.25, 0.26, 0.00
HSL	3°, 98%, 87%
HSV	3°, 26%, 100%
XYZ	68.7910, 62.1629, 56.1143
YIQ	209.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

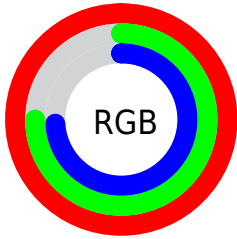
Format	Color
R _Y B	254, 191, 188
Decimal	16695228
CIE Lab	83.00, 22.19, 10.34
CIE LCh	83, 24.485, 24.980
Yxy	62.1629, 0.3677, 0.3323
Android (android.graphics.Color)	4294885308 (0xFFFEFBFC)
YUV	209.4950, -10.5970, 39.0309
Hunter-Lab	78.8435, 17.7652, 12.9927

Details

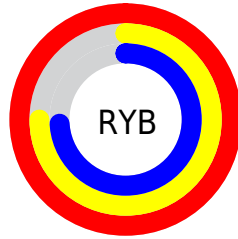
The CIELCh color **83, 24.485, 24.980** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 20.433, 202.532**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.192, 58.882**, and **63, 24.481, 24.456** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.268, 26.039**, and if you desaturate by 10%, it is **89, 14.453, 24.188**.

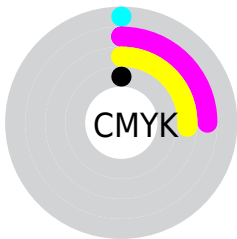
Distribution



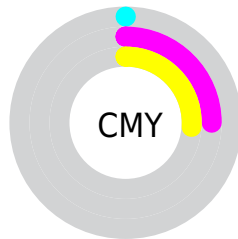
- Red (100%)
- Green (75%)
- Blue (74%)



- Red (100%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.485, 24.980 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, 24.485, 24.980 by changing the saturation by 10% instead.

 83, 24.485, 24.980

 83, 24.485, 24.980

 100, 24.485,
24.980

 73, 24.485, 24.980

 63, 24.485, 24.980

 53, 24.485, 24.980

 43, 24.485, 24.980

 33, 24.485, 24.980

 23, 24.485, 24.980

 13, 24.485, 24.980

 3, 24.485, 24.980

 0, 24.485, 24.980

83, 24.485, 24.980

83, 24.485, 24.980

77, 35.268, 26.039

89, 14.453, 24.188

71, 46.738, 27.437

96, 5.182, 23.528

66, 58.723, 29.272

100, 0.238,
202.174

62, 70.934, 31.615

58, 82.905, 34.437

55, 93.776, 37.416

54, 101.665,
39.637

53, 103.815,
40.323

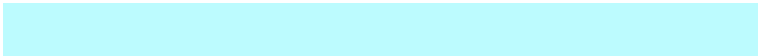
Harmonies

Complementary

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



83, 24.485, 24.980



95, 20.433, 202.532

Rectangle

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



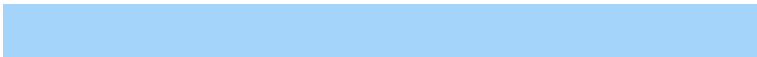
83, 24.485, 24.980



83, 24.485, 74.980



83, 24.485, 204.980



83, 24.485, 254.980

Sweetspot

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



83, 24.483, 24.986



95, 7.028, 23.666



84, 40.496, 326.792



50, 5.025, 23.762



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, 24.483, 24.986



80, 29.892, 25.480



91, 21.850, 75.588



50, 5.025, 23.762



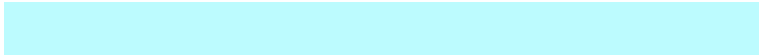
40, 83.605, 40.459



10, 32.455, 29.401

Inverse Universe

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



95, 20.433, 202.532



94, 23.975, 202.414



86, 20.647, 262.981



52, 4.725, 203.093



68, 37.965, 203.914



23, 17.584, 202.954

Previews

White Background



This preview shows how the CIELCh color 83, 24.485, 24.980 looks on a white background.

Color Contrast Check

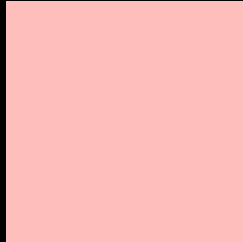
Large Text (above 18pt) WCAG AA × Fail

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, 24.485, 24.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

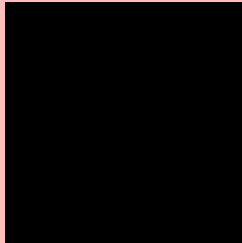
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 24.485, 24.980

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.485, 24.980.

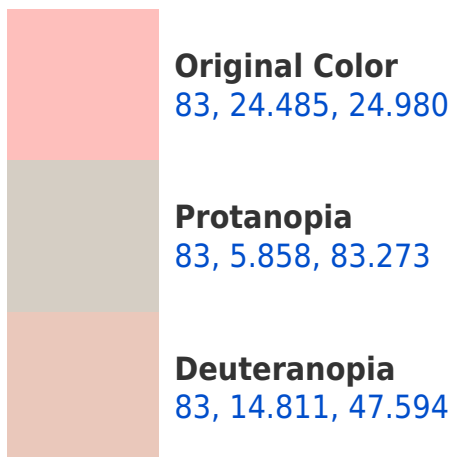



This preview shows how white text looks on a background with the CIELCh color 83, 24.485, 24.980.

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](#).

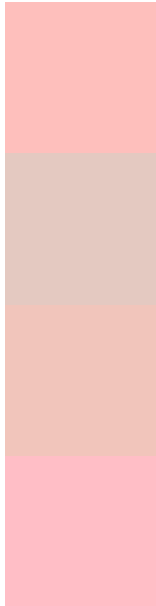
Dichromacy





Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 24.485, 24.980

Protanomaly
83, 11.079, 42.326

Deuteranomaly
83, 17.849, 37.629

Tritanomaly
83, 25.012, 11.880

Monochromacy



Original Color
83, 24.485, 24.980

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.579, 23.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.485, 24.980 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.485, 24.980 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, 188) }
```

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

```
.border{ border-color:rgb(254, 191, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.485, 24.980 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, 188) }
```

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

```
.background{ background-color: rgb(254,  
191, 188) }
```

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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