

Converting Colors

CIELCh(94, 65.015, 24.965)

Have a look what the booklet for
CIELCh(94, 65.015, 24.965) contains.

CIELCh(83, 25.577, 22.622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 25.577, 22.622)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEBD
RGB	255, 190, 189
RGB Percent	100%, 75%, 74%
CMY	0.0000, 0.2537, 0.2577
CMYK	0.00, 0.25, 0.26, 0.00
HSL	1°, 100%, 87%
HSV	1°, 26%, 100%
XYZ	69.4433, 62.1629, 56.6429
YIQ	209.3210, 39.0610, 13.4690

Conversions

Conversions Part 2

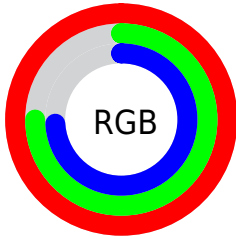
Format	Color
R _Y B	255, 190, 189
Decimal	16760509
CIE Lab	83.00, 23.61, 9.84
CIE LCh	83, 25.577, 22.622
Yxy	62.1629, 0.3689, 0.3302
Android (android.graphics.Color)	4294950589 (0xFFFFBEED)
YUV	209.3210, -10.0183, 40.0605
Hunter-Lab	78.8435, 19.2422, 12.5952

Details

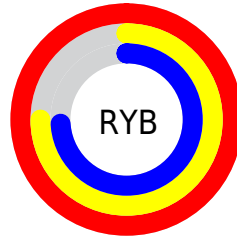
The CIELCh color **83, 25.577, 22.622** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 20.970, 199.561**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.001, 39.179**, and **63, 25.190, 22.010** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.076, 23.810**, and if you desaturate by 10%, it is **89, 14.719, 21.686**.

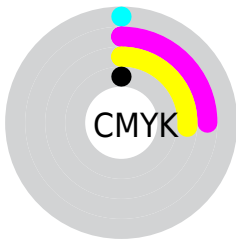
Distribution



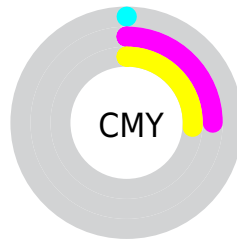
- Red (100%)
- Green (75%)
- Blue (74%)



- 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, 25.577, 22.622 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, 25.577, 22.622 by changing the saturation by 10% instead.

83, 25.577, 22.622

83, 25.577, 22.622

100, 25.577,
22.622

73, 25.577, 22.622

63, 25.577, 22.622

53, 25.577, 22.622

43, 25.577, 22.622

33, 25.577, 22.622

23, 25.577, 22.622

13, 25.577, 22.622

3, 25.577, 22.622

0, 25.577, 22.622

83, 25.577, 22.622

83, 25.577, 22.622

77, 36.076, 23.810

89, 14.719, 21.686

71, 47.771, 25.387

96, 5.174, 20.913

66, 59.906, 27.448

100, 0.012,
296.813

61, 72.149, 30.080

57, 84.015, 33.263

55, 94.670, 36.660

54, 102.272,
39.292

53, 104.390,
40.108

Harmonies

Complementary

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



83, 25.577, 22.622



96, 20.970, 199.561

Rectangle

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



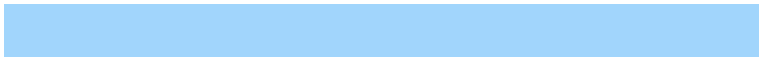
83, 25.577, 22.622



83, 25.577, 72.622



83, 25.577, 202.622



83, 25.577, 252.622

Sweetspot

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



83, 25.026, 22.609



95, 7.236, 21.087



84, 41.204, 325.854



50, 5.174, 21.200



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, 25.026, 22.609



80, 30.715, 23.196



90, 21.326, 72.186



50, 5.174, 21.200



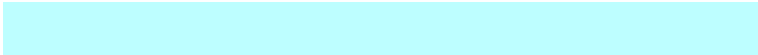
40, 84.016, 40.155



10, 33.047, 27.929

Inverse Universe

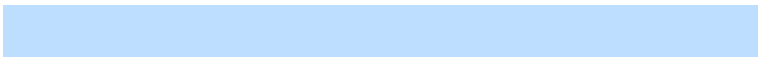
The Inverse Universe completely reimagines the original color for something new.



96, 20.970, 199.561



95, 24.718, 199.361



87, 19.869, 259.367



52, 4.868, 200.321



69, 39.489, 198.822



23, 18.214, 198.522

Previews

White Background



This preview shows how the CIELCh color 83, 25.577, 22.622 looks on a white background.

Color Contrast Check

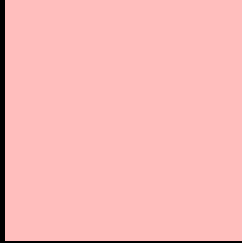
Large Text (above 18pt) WCAG AA × Fail

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, 25.577, 22.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

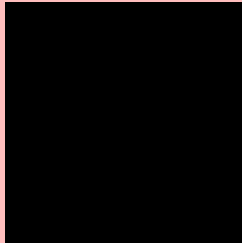
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 25.577, 22.622

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.577, 22.622.

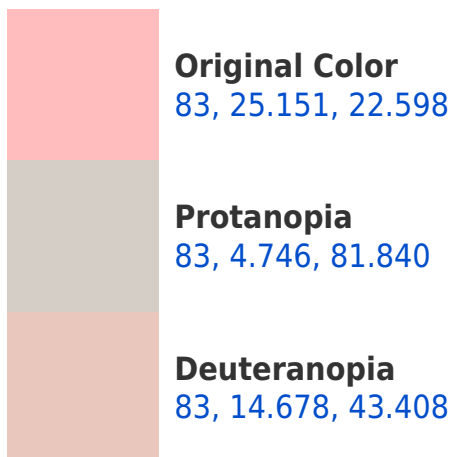


This preview shows how white text looks on a background with the CIELCh color 83, 25.577, 22.622.

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](#).

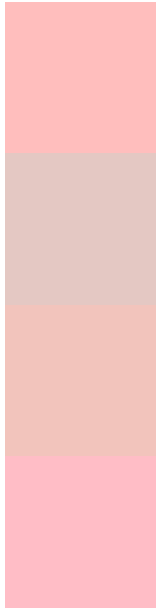
Dichromacy





Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 25.151, 22.598

Protanomaly
83, 10.903, 34.054

Deuteranomaly
83, 18.283, 33.911

Tritanomaly
83, 25.461, 10.906

Monochromacy



Original Color
83, 25.151, 22.598

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, 25.577, 22.622 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.577, 22.622 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, 189) }
```

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

```
.border{ border-color:rgb(255, 190, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 189); box-shadow:4px 4px 4px 4px rgb(255, 190, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.577, 22.622 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
190, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor