

Converting Colors

CIE LCh(83, 24.304, 22.553)

Have a look what the booklet for
CIELCh(83, 24.304, 22.553) contains.

CIELCh(83, 24.331, 22.562)	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, 24.331, 22.562)

Conversions

Conversions Part 1

Format	Color
Hex	FEBFBE
RGB	254, 191, 190
RGB Percent	100%, 75%, 75%
CMY	0.0032, 0.2503, 0.2543
CMYK	0.00, 0.25, 0.25, 0.00
HSL	1°, 97%, 87%
HSV	1°, 25%, 100%
XYZ	68.9171, 62.1629, 57.1757
YIQ	209.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

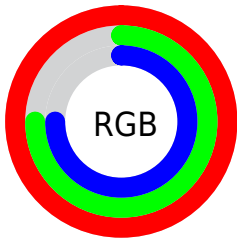
Format	Color
R _Y B	254, 191, 190
Decimal	16695230
CIE Lab	83.00, 22.47, 9.34
CIE LCh	83, 24.331, 22.562
Yxy	62.1629, 0.3661, 0.3302
Android (android.graphics.Color)	4294885310 (0xFFFEFBFE)
YUV	209.7230, -9.7234, 38.8309
Hunter-Lab	78.8435, 18.0509, 12.1945

Details

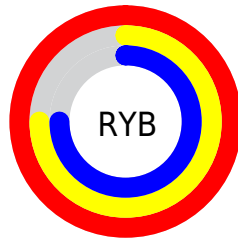
The CIELCh color **83, 24.331, 22.562** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 20.477, 199.610**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.666, 41.733**, and **63, 24.309, 21.903** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.306, 23.748**, and if you desaturate by 10%, it is **90, 14.096, 21.659**.

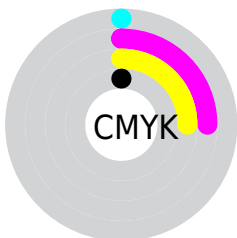
Distribution



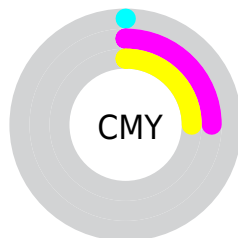
- Red (100%)
- Green (75%)
- Blue (75%)



- 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, 24.331, 22.562 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, 24.331, 22.562 by changing the saturation by 10% instead.

 83, 24.331, 22.562

 83, 24.331, 22.562

 100, 24.331,
22.562

 73, 24.331, 22.562

 63, 24.331, 22.562

 53, 24.331, 22.562

 43, 24.331, 22.562

 33, 24.331, 22.562

 23, 24.331, 22.562

 13, 24.331, 22.562

 3, 24.331, 22.562

 0, 24.331, 22.562

83, 24.331, 22.562

83, 24.331, 22.562

77, 35.306, 23.748

90, 14.096, 21.659

71, 46.935, 25.298

96, 4.623, 20.885

66, 59.019, 27.325

100, 0.285,
201.711

61, 71.235, 29.919

57, 83.112, 33.070

55, 93.852, 36.470

53, 101.698,
39.184

53, 104.131,
40.111

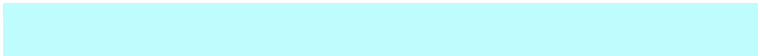
Harmonies

Complementary

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



83, 24.331, 22.562



95, 20.477, 199.610

Rectangle

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



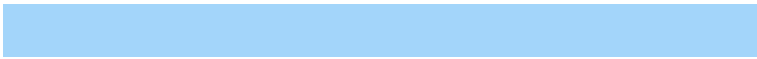
83, 24.331, 22.562



83, 24.331, 72.562



83, 24.331, 202.562



83, 24.331, 252.562

Sweetspot

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



83, 24.329, 22.568



95, 7.234, 21.110



85, 40.164, 325.821



50, 5.172, 21.222



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, 24.329, 22.568



80, 29.604, 23.097



90, 20.756, 72.260



50, 5.172, 21.222



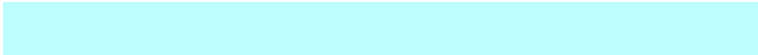
40, 84.012, 40.158



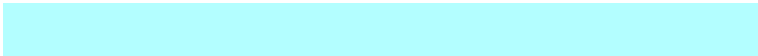
10, 33.042, 27.942

Inverse Universe

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



95, 20.477, 199.610



95, 24.011, 199.423



87, 19.373, 259.256



52, 4.866, 200.345



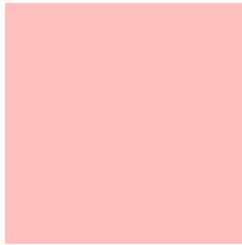
69, 39.475, 198.865



23, 18.208, 198.560

Previews

White Background



This preview shows how the CIELCh color 83, 24.331, 22.562 looks on a white background.

Color Contrast Check

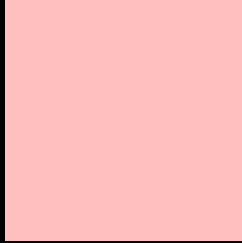
Large Text (above 18pt) WCAG AA × Fail

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, 24.331, 22.562 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, 24.331, 22.562

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.331, 22.562.

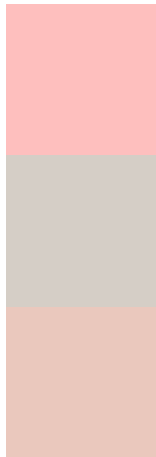


This preview shows how white text looks on a background with the CIELCh color 83, 24.331, 22.562.

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, 24.331, 22.562

Protanopia

83, 4.930, 77.995

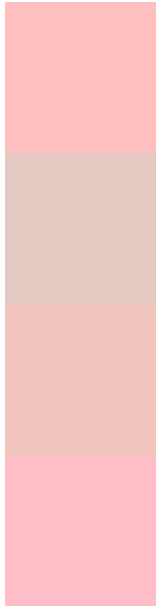
Deuteranopia

83, 14.300, 44.008



Tritanopia
83, 25.935, 4.015

Trichromacy



Original Color
83, 24.331, 22.562

Protanomaly
83, 10.681, 37.222

Deuteranomaly
83, 17.492, 34.450

Tritanomaly
83, 25.054, 10.692

Monochromacy



Original Color
83, 24.331, 22.562

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, 24.331, 22.562 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 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(254, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.331, 22.562 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, 190) }
```

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

```
.border{ border-color:rgb(254, 191, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.331, 22.562 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, 190) }
```

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

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