

Converting Colors

CIELCh(88, 44.038, 32.427)

Have a look what the booklet for
CIELCh(88, 44.038, 32.427) contains.

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Color

CIELCh(83, 25.879, 38.709)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEC0B1</code>
RGB	254, 192, 177
RGB Percent	100%, 75%, 69%
CMY	0.0028, 0.2457, 0.3045
CMYK	0.00, 0.24, 0.30, 0.00
HSL	12°, 98%, 85%
HSV	12°, 30%, 100%
XYZ	67.8755, 62.1629, 50.2001
YIQ	208.8280, 41.7670, 8.4790

Conversions

Conversions Part 2

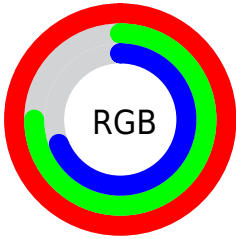
Format	Color
RYB	254, 196, 177
Decimal	16695473
CIELab	83.00, 20.19, 16.18
CIELCh	83, 25.879, 38.709
Yxy	62.1629, 0.3766, 0.3449
Android (android.graphics.Color)	4294885553 (0xFFFE0B1)
YUV	208.8280, -15.6912, 39.6158
Hunter-Lab	78.8435, 15.6926, 17.4401

Details

The CIELCh color **83, 25.879, 38.709** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 20.917, 220.230**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.400, 94.603**, and **63, 26.081, 38.808** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.908, 38.979**, and if you desaturate by 10%, it is **88, 16.607, 38.622**.

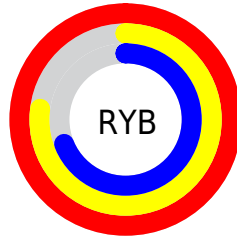
Distribution



Red (100%)

Green (75%)

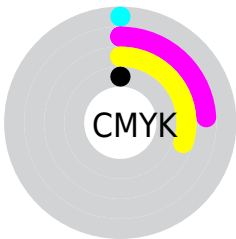
Blue (69%)



Red (100%)

Yellow (77%)

Blue (69%)

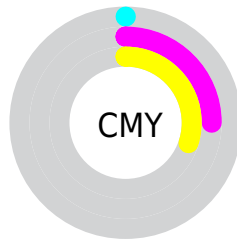


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 25.879, 38.709 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, 25.879, 38.709 by changing the saturation by 10% instead.

 83, 25.879, 38.709

 83, 25.879, 38.709

 100, 25.879,
38.709

 73, 25.879, 38.709

 63, 25.879, 38.709

 53, 25.879, 38.709

 43, 25.879, 38.709

 33, 25.879, 38.709

 23, 25.879, 38.709

 13, 25.879, 38.709

 3, 25.879, 38.709

 0, 25.879, 38.709

83, 25.879, 38.709

83, 25.879, 38.709

78, 35.908, 38.979

88, 16.607, 38.622

73, 46.690, 39.457

94, 8.064, 38.638

68, 58.138, 40.179

100, 0.192, 35.476

64, 70.027, 41.134

100, 0.245,
202.094

60, 81.840, 42.192

58, 92.411, 42.948

55, 99.869, 42.891

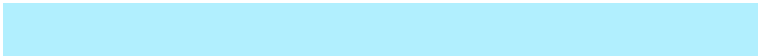
Harmonies

Complementary

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



83, 25.879, 38.709



91, 20.917, 220.230

Rectangle

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



83, 25.879, 38.709



83, 25.879, 88.709



83, 25.879, 218.709



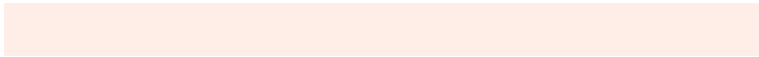
83, 25.879, 268.709

Sweetspot

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



83, 25.877, 38.716



95, 7.055, 38.641



81, 42.536, 331.882



50, 4.932, 38.637



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, 25.877, 38.716



80, 31.617, 38.844



92, 28.702, 88.529



50, 4.466, 38.640



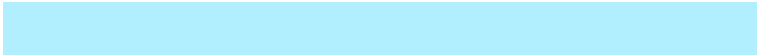
42, 80.163, 43.288



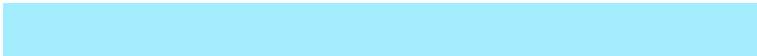
12, 30.056, 36.880

Inverse Universe

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



91, 20.917, 220.230



90, 24.374, 220.687



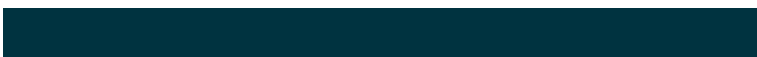
81, 28.689, 277.138



52, 4.206, 219.226



59, 35.312, 234.547



19, 16.141, 229.410

Previews

White Background



This preview shows how the CIELCh color 83, 25.879, 38.709 looks on a white background.

Color Contrast Check

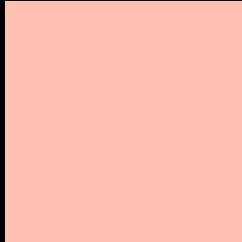
Large Text (above 18pt) WCAG AA × Fail

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, 25.879, 38.709 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, 25.879, 38.709

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.879, 38.709.



This preview shows how white text looks on a background with the CIELCh color 83, 25.879, 38.709.

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, 25.910, 38.711

Protanopia

83, 12.181, 90.899

Deuteranopia

83, 19.665, 57.961



Tritanopia
83, 25.828, 5.143

Trichromacy



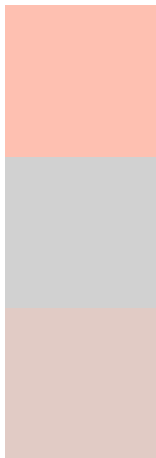
Original Color
83, 25.910, 38.711

Protanomaly
83, 15.095, 61.272

Deuteranomaly
83, 21.740, 50.841

Tritanomaly
83, 24.958, 16.657

Monochromacy



Original Color
83, 25.910, 38.711

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 8.842, 40.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.879, 38.709 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, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 177)  
}
```

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, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.879, 38.709 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, 192, 177) }
```

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

```
.border{ border-color:rgb(254, 192, 177) }
```

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

Here you see how a box with a 4 pixel rgb(254, 192, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.879, 38.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 177) }
```

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

```
.background{ background-color: rgb(254,  
192, 177) }
```

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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