

Converting Colors

CIELCh(83, 25.011, 20.867)

Have a look what the booklet for
CIELCh(83, 25.011, 20.867) contains.

CIELCh(83, 24.666, 21.375)	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, 24.666, 21.375)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFBF
RGB	255, 191, 191
RGB Percent	100%, 75%, 75%
CMY	0.0007, 0.2516, 0.2517
CMYK	0.00, 0.25, 0.25, 0.00
HSL	0°, 99%, 87%
HSV	0°, 25%, 100%
XYZ	69.1478, 62.1629, 57.5436
YIQ	210.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

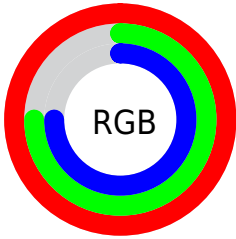
Format	Color
R_{YB}	255, 191, 191
Decimal	16760767
CIE _{Lab}	83.00, 22.97, 8.99
CIE _{LCh}	83, 24.666, 21.375
Yxy	62.1629, 0.3661, 0.3292
Android (android.graphics.Color)	4294950847 (0xFFFFBFBF)
YUV	210.1360, -9.4340, 39.3457
Hunter-Lab	78.8435, 18.5730, 11.9179

Details

The CIELCh color **83, 24.666, 21.375** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 20.801, 198.141**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.519, 30.953**, and **63, 24.664, 20.681** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.795, 22.634**, and if you desaturate by 10%, it is **90, 14.270, 20.410**.

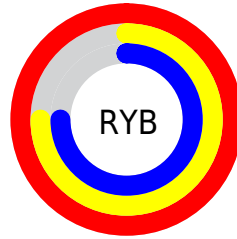
Distribution



Red (100%)

Green (75%)

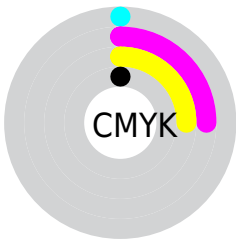
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

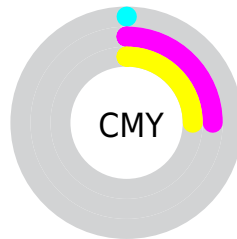


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.666, 21.375 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, 24.666, 21.375 by changing the saturation by 10% instead.

 83, 24.666, 21.375

 83, 24.666, 21.375

 100, 24.666,
21.375

 73, 24.666, 21.375

 63, 24.666, 21.375

 53, 24.666, 21.375

 43, 24.666, 21.375

 33, 24.666, 21.375

 23, 24.666, 21.375

 13, 24.666, 21.375

 3, 24.666, 21.375

 0, 24.666, 21.375

83, 24.666, 21.375

83, 24.666, 21.375

77, 35.795, 22.634

90, 14.270, 20.410

71, 47.556, 24.274

96, 4.638, 19.582

65, 59.727, 26.416

100, 0.065,
209.620

61, 71.962, 29.158

57, 83.780, 32.497

55, 94.393, 36.112

54, 102.072,
39.034

53, 104.516,
40.001

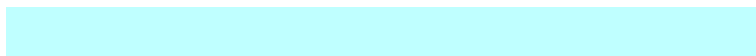
Harmonies

Complementary

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



83, 24.666, 21.375



96, 20.801, 198.141

Rectangle

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



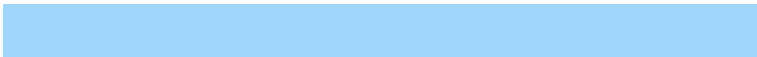
83, 24.666, 21.375



83, 24.666, 71.375



83, 24.666, 201.375



83, 24.666, 251.375

Sweetspot

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



83, 24.664, 21.381



94, 7.348, 19.827



85, 40.128, 325.818



49, 5.254, 19.948



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, 24.664, 21.381



80, 30.036, 21.952



91, 20.734, 72.269



49, 5.254, 19.948



40, 84.229, 40.001



10, 33.366, 27.179

Inverse Universe

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



96, 20.801, 198.141



95, 24.409, 197.917



87, 19.356, 259.243



52, 4.945, 198.968



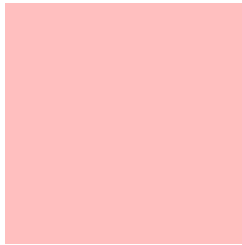
70, 40.362, 196.395



24, 18.569, 196.394

Previews

White Background



This preview shows how the CIELCh color 83, 24.666, 21.375 looks on a white background.

Color Contrast Check

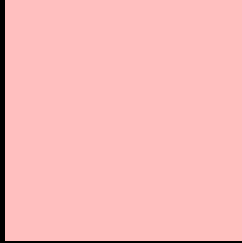
Large Text (above 18pt) WCAG AA × Fail

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, 24.666, 21.375 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, 24.666, 21.375

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.666, 21.375.

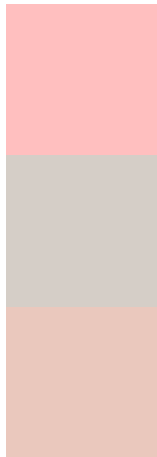


This preview shows how white text looks on a background with the CIELCh color 83, 24.666, 21.375.

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, 24.666, 21.375

Protanopia

83, 4.488, 74.538

Deuteranopia

83, 14.300, 44.008



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 24.666, 21.375

Protanomaly
83, 10.766, 31.379

Deuteranomaly
83, 17.722, 32.570

Tritanomaly
83, 25.054, 10.692

Monochromacy



Original Color
83, 24.666, 21.375

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, 24.666, 21.375 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, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 191)  
}
```

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, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.666, 21.375 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, 191, 191) }
```

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

```
.border{ border-color:rgb(255, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 191); box-shadow:4px 4px 4px 4px rgb(255, 191, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.666, 21.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 191) }
```

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

```
.background{ background-color: rgb(255,  
191, 191) }
```

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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