

Converting Colors

CIELCh(85, 29.906, 22.996)

Have a look what the booklet for
CIELCh(85, 29.906, 22.996) contains.

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Color

CIELCh(84, 23.881, 22.532)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C1
RGB	255, 194, 193
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2382, 0.2422
CMYK	0.00, 0.24, 0.24, 0.00
HSL	1°, 100%, 88%
HSV	1°, 24%, 100%
XYZ	70.7276, 64.0658, 59.2284
YIQ	212.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

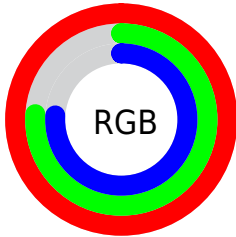
Format	Color
RYB	255, 194, 193
Decimal	16761537
CIELab	84.00, 22.06, 9.15
CIElCh	84, 23.881, 22.532
Yxy	64.0658, 0.3645, 0.3302
Android (android.graphics.Color)	4294951617 (0xFFFFC2C1)
YUV	212.1250, -9.4286, 37.6014
Hunter-Lab	80.0411, 17.6581, 12.1556

Details

The CIELCh color **84, 23.881, 22.532** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.799, 199.716**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.723, 55.170**, and **64, 23.363, 21.764** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.286, 23.671**, and if you desaturate by 10%, it is **90, 13.176, 21.639**.

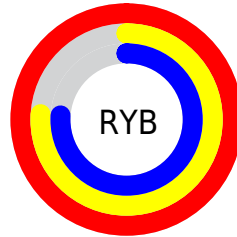
Distribution



Red (100%)

Green (76%)

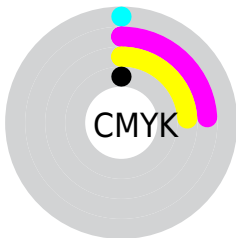
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

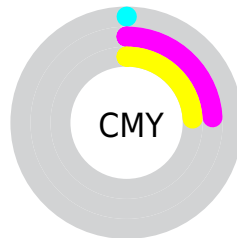


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.881, 22.532 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 84, 23.881, 22.532 by changing the saturation by 10% instead.

 84, 23.881, 22.532

 84, 23.881, 22.532

 100, 23.881,
22.532

 74, 23.881, 22.532

 64, 23.881, 22.532

 54, 23.881, 22.532

 44, 23.881, 22.532

 34, 23.881, 22.532

 24, 23.881, 22.532

 14, 23.881, 22.532

 4, 23.881, 22.532

 0, 23.881, 22.532

84, 23.881, 22.532

84, 23.881, 22.532

78, 34.286, 23.671

90, 13.176, 21.639

72, 45.885, 25.178

97, 3.757, 20.855

66, 57.966, 27.150

100, 0.012,
296.813

62, 70.218, 29.681

58, 82.189, 32.778

55, 93.125, 36.173

54, 101.390,
39.003

53, 104.379,
40.115

Harmonies

Complementary

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



84, 23.881, 22.532



96, 19.799, 199.716

Rectangle

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



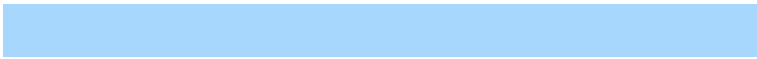
84, 23.881, 22.532



84, 23.881, 72.532



84, 23.881, 202.532



84, 23.881, 252.532

Sweetspot

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



84, 23.356, 22.524



95, 6.300, 21.092



85, 38.734, 325.769



50, 4.104, 21.138



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 23.356, 22.524



81, 28.489, 23.034



91, 19.968, 72.381



50, 5.169, 21.280



40, 84.002, 40.165



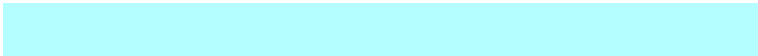
10, 33.027, 27.976

Inverse Universe

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



96, 19.799, 199.716



95, 23.285, 199.529



88, 18.692, 259.079



52, 4.863, 200.407



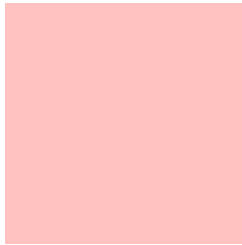
69, 39.436, 198.978



23, 18.192, 198.659

Previews

White Background



This preview shows how the CIELCh color 84, 23.881, 22.532 looks on a white background.

Color Contrast Check

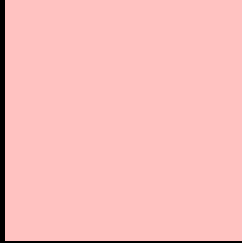
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.881, 22.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

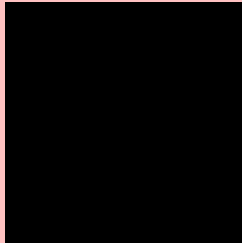
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.881, 22.532

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.881, 22.532.

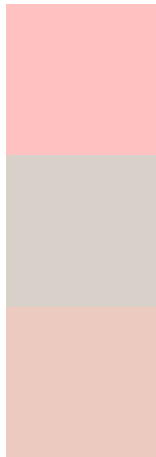


This preview shows how white text looks on a background with the CIELCh color 84, 23.881, 22.532.

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

84, 23.461, 22.512

Protanopia

84, 4.733, 81.850

Deuteranopia

84, 14.037, 42.121



Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 23.461, 22.512

Protanomaly
84, 10.280, 37.829

Deuteranomaly
84, 17.297, 32.807

Tritanomaly
84, 23.843, 10.021

Monochromacy



Original Color
84, 23.461, 22.512

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.176, 23.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.881, 22.532 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, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 193)  
}
```

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, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.881, 22.532 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, 194, 193) }
```

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

```
.border{ border-color:rgb(255, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.881, 22.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 193) }
```

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

```
.background{ background-color: rgb(255,  
194, 193) }
```

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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