

Converting Colors

CIELCh(94, 41.505, 23.377)

Have a look what the booklet for
CIELCh(94, 41.505, 23.377) contains.

CIELCh(88, 17.288, 22.374)	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(88, 17.288, 22.374)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D1
RGB	255, 210, 209
RGB Percent	100%, 82%, 82%
CMY	0.0000, 0.1769, 0.1809
CMYK	0.00, 0.18, 0.18, 0.00
HSL	1°, 100%, 91%
HSV	1°, 18%, 100%
XYZ	76.0885, 72.0653, 70.1408
YIQ	223.3410, 27.1410, 9.2290

Conversions

Conversions Part 2

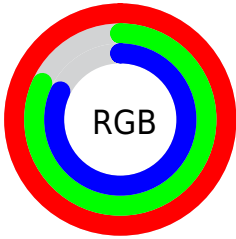
Format	Color
R _Y B	255, 210, 209
Decimal	16765649
CIE Lab	88.00, 15.99, 6.58
CIE LCh	88, 17.288, 22.374
Yxy	72.0653, 0.3486, 0.3301
Android (android.graphics.Color)	4294955729 (0xFFFFD2D1)
YUV	223.3410, -7.0701, 27.7649
Hunter-Lab	84.8913, 11.4308, 10.4359

Details

The CIELCh color **88, 17.288, 22.374** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.010, 200.487**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 17.133, 20.988** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.358, 23.343**, and if you desaturate by 10%, it is **95, 7.272, 21.629**.

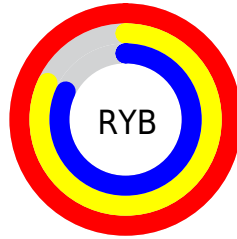
Distribution



Red (100%)

Green (82%)

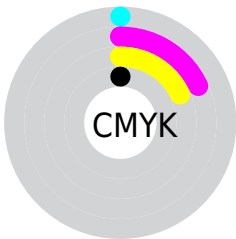
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

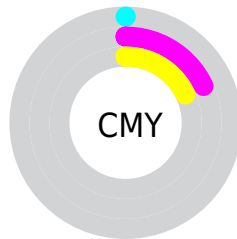


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.288, 22.374 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 88, 17.288, 22.374 by changing the saturation by 10% instead.

 88, 17.288, 22.374

 88, 17.288, 22.374

 100, 17.288,
22.374

 78, 17.288, 22.374

 68, 17.288, 22.374

 58, 17.288, 22.374

 48, 17.288, 22.374

 38, 17.288, 22.374

 28, 17.288, 22.374

 18, 17.288, 22.374

 8, 17.288, 22.374

 0, 17.288, 22.374

88, 17.288, 22.374

88, 17.288, 22.374

81, 27.358, 23.343

95, 7.272, 21.629

75, 38.517, 24.588

100, 0.012,
296.813

70, 50.295, 26.227

65, 62.468, 28.362

60, 74.683, 31.063

57, 86.408, 34.263

55, 96.640, 37.509

53, 103.343,
39.764

53, 104.314,
40.153

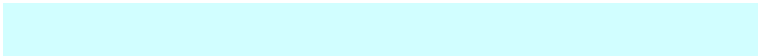
Harmonies

Complementary

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



88, 17.288, 22.374



97, 15.010, 200.487

Rectangle

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



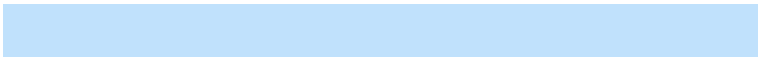
88, 17.288, 22.374



88, 17.288, 72.374



88, 17.288, 202.374



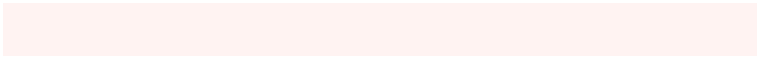
88, 17.288, 252.374

Sweetspot

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



88, 16.933, 22.391



97, 4.440, 21.388



89, 28.592, 325.884



51, 3.038, 21.447



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

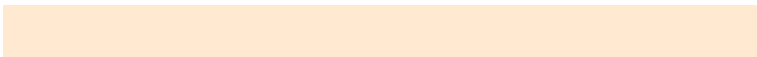
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.933, 22.391



85, 20.921, 22.734



93, 14.843, 74.899



50, 5.141, 21.733



40, 83.928, 40.220



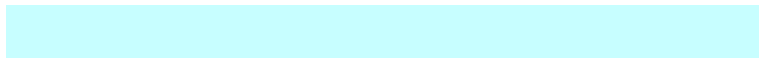
10, 32.917, 28.241

Inverse Universe

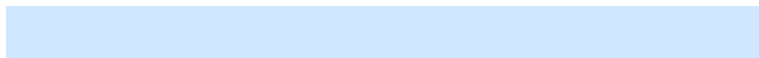
The Inverse Universe completely reimagines the original color for something new.



97, 15.010, 200.487



96, 18.024, 200.324



91, 14.224, 259.826



52, 4.836, 200.896



69, 39.144, 199.866



23, 18.073, 199.435

Previews

White Background



This preview shows how the CIELCh color 88, 17.288, 22.374 looks on a white background.

Color Contrast Check

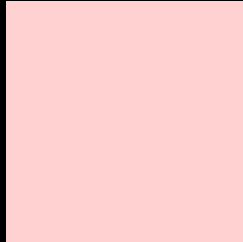
Large Text (above 18pt) WCAG AA × Fail

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 88, 17.288, 22.374 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 88, 17.288, 22.374

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.288, 22.374.



This preview shows how white text looks on a background with the CIELCh color 88, 17.288, 22.374.

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
88, 19.056, 355.051

Trichromacy



Original Color
88, 16.886, 22.378

Protanomaly
88, 8.019, 34.874

Deuteranomaly
88, 14.401, 28.649

Tritanomaly
88, 17.707, 3.746

Monochromacy



Original Color
88, 16.886, 22.378

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.199, 19.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.288, 22.374 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, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 209)  
}
```

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, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.288, 22.374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

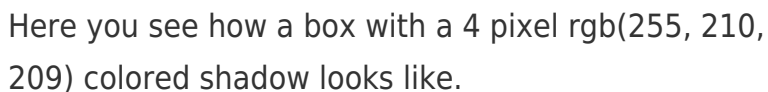
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 209) }
```

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

```
.border{ border-color:rgb(255, 210, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.288, 22.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 209) }
```

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

```
.background{ background-color: rgb(255,  
210, 209) }
```

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