

Converting Colors

CIELCh(84, 13.603, 22.190)

Have a look what the booklet for
CIELCh(84, 13.603, 22.190) contains.

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Color

CIELCh(84, 13.565, 22.609)

Conversions

Conversions Part 1

Format	Color
Hex	EDC9C8
RGB	237, 201, 200
RGB Percent	93%, 79%, 78%
CMY	0.0699, 0.2111, 0.2150
CMYK	0.00, 0.15, 0.16, 0.07
HSL	2°, 51%, 86%
HSV	2°, 16%, 93%
XYZ	66.3555, 64.0658, 63.6165
YIQ	211.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

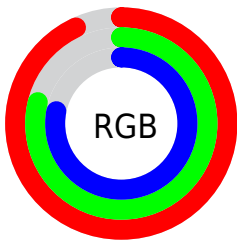
Format	Color
R _Y B	237, 201, 200
Decimal	15583688
CIE Lab	84.00, 12.52, 5.21
CIE LCh	84, 13.565, 22.609
Yxy	64.0658, 0.3420, 0.3302
Android (android.graphics.Color)	4293773768 (0xFFEDC9C8)
YUV	211.6500, -5.7435, 22.2319
Hunter-Lab	80.0411, 7.9077, 8.9052

Details

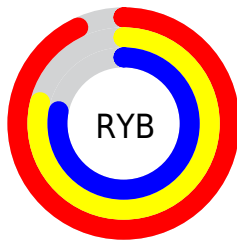
The CIELCh color **84, 13.565, 22.609** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 12.240, 201.094**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 13.662, 23.004** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.164, 23.484**, and if you desaturate by 10%, it is **90, 4.678, 21.890**.

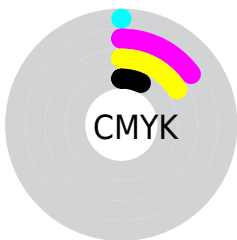
Distribution



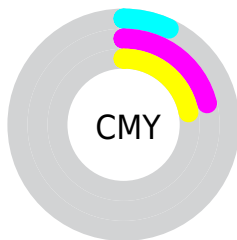
- Red (93%)
- Green (79%)
- Blue (78%)



- Red (93%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 13.565, 22.609 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, 13.565, 22.609 by changing the saturation by 10% instead.

 84, 13.565, 22.609

 84, 13.565, 22.609

 100, 13.565,
22.609

 74, 13.565, 22.609

 64, 13.565, 22.609

 54, 13.565, 22.609

 44, 13.565, 22.609

 34, 13.565, 22.609

 24, 13.565, 22.609

 14, 13.565, 22.609

 4, 13.565, 22.609

 0, 13.565, 22.609

84, 13.565, 22.609

84, 13.565, 22.609

78, 23.164, 23.484

90, 4.678, 21.890

72, 33.469, 24.613

97, 3.526, 201.718

67, 44.402, 26.099

99, 6.118, 199.126

62, 55.786, 28.043

57, 67.334, 30.527

54, 78.607, 33.535

51, 88.843, 36.765

50, 96.368, 39.312

50, 98.658, 40.209

Harmonies

Complementary

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



84, 13.565, 22.609



91, 12.240, 201.094

Rectangle

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



84, 13.565, 22.609



84, 13.565, 72.609



84, 13.565, 202.609



84, 13.565, 252.609

Sweetspot

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



84, 13.563, 22.619



97, 4.417, 21.842



85, 23.239, 325.740



51, 3.022, 21.900



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, 13.563, 22.619



87, 17.763, 22.895



88, 12.004, 75.220



47, 4.860, 22.174



38, 81.325, 40.286



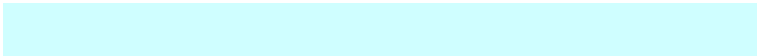
8, 29.241, 25.264

Inverse Universe

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



91, 12.240, 201.094



96, 15.638, 200.950



86, 11.582, 259.416



49, 4.574, 201.382



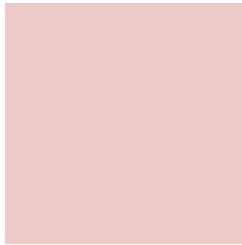
66, 37.707, 200.733



20, 16.544, 200.108

Previews

White Background



This preview shows how the CIELCh color 84, 13.565, 22.609 looks on a white background.

Color Contrast Check

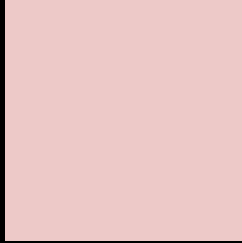
Large Text (above 18pt) WCAG AA × Fail

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 84, 13.565, 22.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

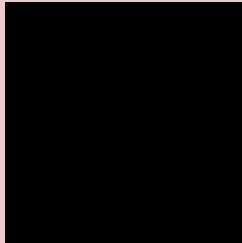
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 13.565, 22.609

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.565, 22.609.

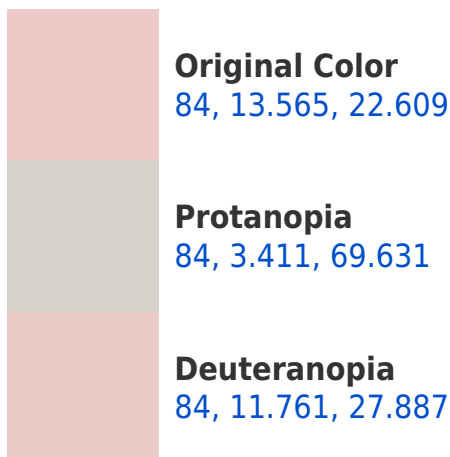


This preview shows how white text looks on a background with the CIELCh color 84, 13.565, 22.609.

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](#).

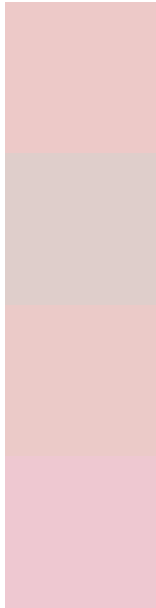
Dichromacy





Tritanopia
84, 16.672, 352.576

Trichromacy



Original Color
84, 13.565, 22.609

Protanomaly
84, 6.491, 33.796

Deuteranomaly
84, 12.457, 25.112

Tritanomaly
84, 14.845, 2.053

Monochromacy



Original Color
84, 13.565, 22.609

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.770, 19.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.565, 22.609 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(237, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 200)  
}
```

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(237, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.565, 22.609 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(237, 201, 200) }
```

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

```
.border{ border-color:rgb(237, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.565, 22.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 200) }
```

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

```
.background{ background-color: rgb(237,  
201, 200) }
```

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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