

Converting Colors

CIELCh(92, 13.876, 78.664)

Have a look what the booklet for
CIELCh(92, 13.876, 78.664) contains.

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Color

CIELCh(92, 13.841, 78.200)

Conversions

Conversions Part 1

Format	Color
Hex	F8E5CE
RGB	248, 229, 206
RGB Percent	97%, 90%, 81%
CMY	0.0262, 0.1007, 0.1909
CMYK	0.00, 0.08, 0.17, 0.03
HSL	33°, 76%, 89%
HSV	33°, 17%, 97%
XYZ	78.1148, 80.7044, 70.0540
YIQ	232.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

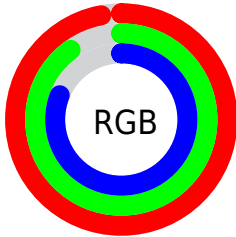
Format	Color
R _Y B	241, 248, 206
Decimal	16311758
CIE Lab	92.00, 2.83, 13.55
CIE LCh	92, 13.841, 78.200
Yxy	80.7044, 0.3413, 0.3526
Android (android.graphics.Color)	4294501838 (0xFF F8 E5 CE)
YUV	232.0590, -12.8471, 13.9803
Hunter-Lab	89.8356, -2.0012, 16.6505

Details

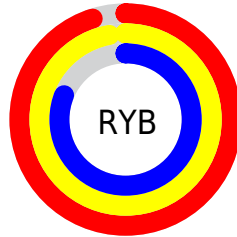
The CIELCh color **92, 13.841, 78.200** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 13.418, 262.855**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 13.745, 79.408** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.464, 76.900**, and if you desaturate by 10%, it is **95, 5.547, 79.461**.

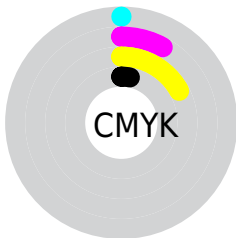
Distribution



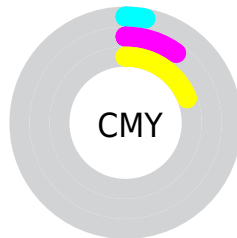
- Red (97%)
- Green (90%)
- Blue (81%)



- Red (95%)
- Yellow (97%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 13.841, 78.200 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 92, 13.841, 78.200 by changing the saturation by 10% instead.

 92, 13.841, 78.200

 92, 13.841, 78.200

 100, 13.841,
78.200

 82, 13.841, 78.200

 72, 13.841, 78.200

 62, 13.841, 78.200

 52, 13.841, 78.200

 42, 13.841, 78.200

 32, 13.841, 78.200

 22, 13.841, 78.200

 12, 13.841, 78.200

 2, 13.841, 78.200

92, 13.841, 78.200

92, 13.841, 78.200

89, 22.464, 76.900

95, 5.547, 79.461

86, 31.417, 75.555

99, 2.020, 253.885

82, 40.669, 74.181

100, 2.313,
199.545

79, 50.118, 72.766

76, 59.533, 71.271

74, 68.441, 69.599

71, 75.995, 67.558

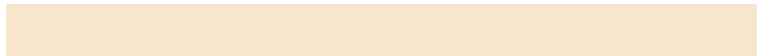
68, 81.087, 64.837

68, 82.347, 63.934

Harmonies

Complementary

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



92, 13.841, 78.200



89, 13.418, 262.855

Rectangle

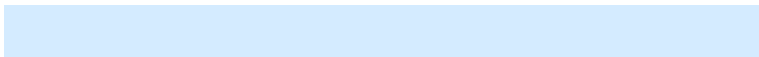
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 13.841, 78.200



92, 13.841, 128.200



92, 13.841, 258.200



92, 13.841, 308.200

Sweetspot

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



92, 13.842, 78.212



98, 4.079, 79.677



87, 18.350, 346.992



52, 2.787, 79.600



0, 0.000, 0.000



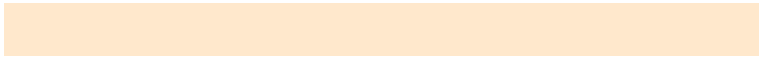
53, 0.007, 296.813

Same Dimension

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



92, 13.842, 78.212



93, 16.823, 77.808



97, 21.342, 109.932



50, 4.606, 79.151



52, 66.839, 64.604



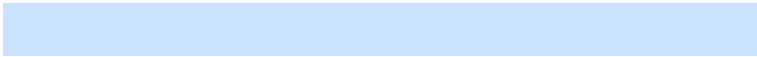
16, 25.912, 66.522

Inverse Universe

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



89, 13.418, 262.855



89, 16.201, 263.375



84, 22.193, 293.259



49, 4.536, 261.732



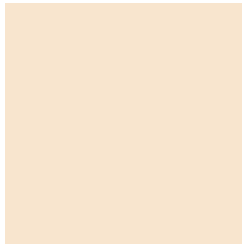
38, 63.344, 288.472



10, 24.997, 281.972

Previews

White Background



This preview shows how the CIE LCh color 92, 13.841, 78.200 looks on a white background.

Color Contrast Check

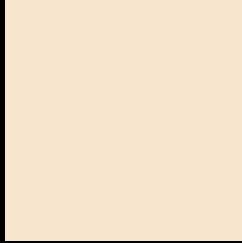
Large Text (above 18pt) WCAG AA × Fail

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 92, 13.841, 78.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

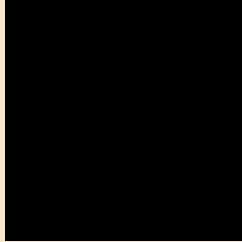
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 13.841, 78.200

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.841, 78.200.

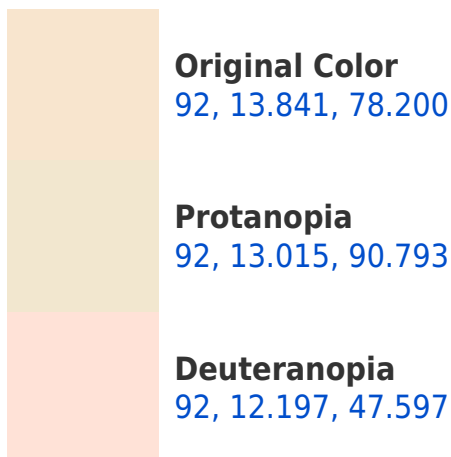


This preview shows how white text looks on a background with the CIELCh color 92, 13.841, 78.200.

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](#).

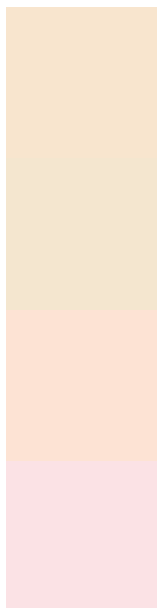
Dichromacy





Tritanopia
92, 13.922, 338.512

Trichromacy



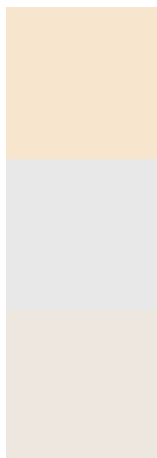
Original Color
92, 13.841, 78.200

Protanomaly
92, 12.950, 85.385

Deuteranomaly
92, 12.422, 58.209

Tritanomaly
92, 9.195, 10.337

Monochromacy



Original Color
92, 13.841, 78.200

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.821, 78.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 13.841, 78.200 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(248, 229, 206)` looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 206)  
}
```

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(248, 229, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.841, 78.200 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(248, 229, 206) }
```

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

```
.border{ border-color:rgb(248, 229, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 206);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.841, 78.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 206) }
```

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

```
.background{ background-color: rgb(248,  
229, 206) }
```

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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