

Converting Colors

CIELCh(92, 15.856, 81.341)

Have a look what the booklet for
CIELCh(92, 15.856, 81.341) contains.

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Color

CIELCh(92, 15.849, 80.566)

Conversions

Conversions Part 1

Format	Color
Hex	F9E5CA
RGB	249, 229, 202
RGB Percent	98%, 90%, 79%
CMY	0.0222, 0.1006, 0.2066
CMYK	0.00, 0.08, 0.19, 0.02
HSL	34°, 81%, 89%
HSV	34°, 19%, 98%
XYZ	77.9985, 80.7044, 67.5453
YIQ	231.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

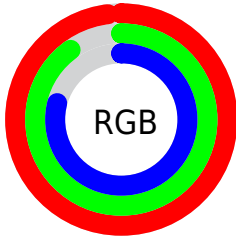
Format	Color
R _Y B	237, 249, 202
Decimal	16377290
CIE Lab	92.00, 2.60, 15.63
CIE LCh	92, 15.849, 80.566
Yxy	80.7044, 0.3447, 0.3567
Android (android.graphics.Color)	4294567370 (0xFFFF9E5CA)
YUV	231.9020, -14.7417, 14.9949
Hunter-Lab	89.8356, -2.2323, 18.3062

Details

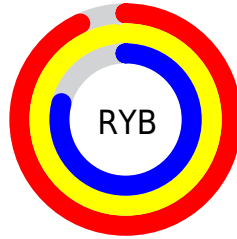
The CIELCh color **92, 15.849, 80.566** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 15.421, 265.814**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 15.878, 81.625** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.684, 79.238**, and if you desaturate by 10%, it is **95, 7.312, 81.860**.

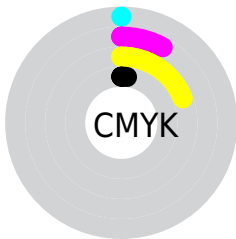
Distribution



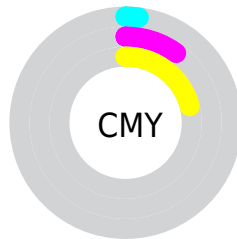
- Red (98%)
- Green (90%)
- Blue (79%)



- Red (93%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 15.849, 80.566 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, 15.849, 80.566 by changing the saturation by 10% instead.

 92, 15.849, 80.566

 92, 15.849, 80.566

 100, 15.849,
80.566

 82, 15.849, 80.566

 72, 15.849, 80.566

 62, 15.849, 80.566

 52, 15.849, 80.566

 42, 15.849, 80.566

 32, 15.849, 80.566

 22, 15.849, 80.566

 12, 15.849, 80.566

 2, 15.849, 80.566

92, 15.849, 80.566

92, 15.849, 80.566

89, 24.684, 79.238

95, 7.312, 81.860

86, 33.805, 77.864

98, 0.940, 263.570

83, 43.159, 76.452

100, 1.963,
199.618

80, 52.612, 74.988

77, 61.876, 73.427

75, 70.394, 71.663

72, 77.240, 69.493

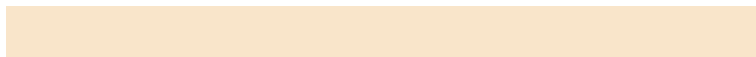
70, 81.527, 66.676

69, 81.960, 66.348

Harmonies

Complementary

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



92, 15.849, 80.566



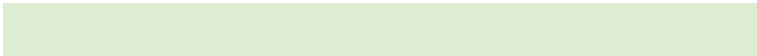
88, 15.421, 265.814

Rectangle

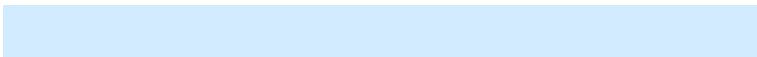
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 15.849, 80.566



92, 15.849, 130.566



92, 15.849, 260.566



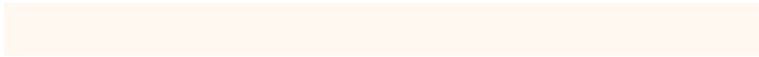
92, 15.849, 310.566

Sweetspot

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



92, 15.850, 80.576



98, 5.018, 82.203



86, 20.153, 349.165



52, 3.333, 82.126



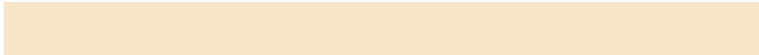
0, 0.000, 0.000



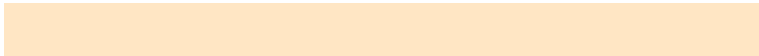
53, 0.007, 296.813

Same Dimension

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



92, 15.850, 80.576



93, 19.834, 80.023



97, 23.875, 111.159



51, 4.708, 81.781



54, 66.363, 67.006



17, 26.043, 69.262

Inverse Universe

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



88, 15.421, 265.814



87, 19.163, 266.542



83, 24.940, 294.684



49, 4.654, 264.366



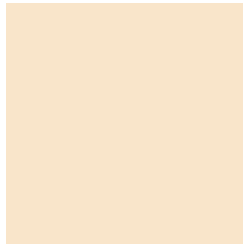
37, 66.635, 290.617



10, 26.209, 284.356

Previews

White Background



This preview shows how the CIELCh color 92, 15.849, 80.566 looks on a white background.

Color Contrast Check

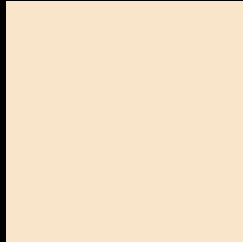
Large Text (above 18pt) WCAG AA × Fail

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, 15.849, 80.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

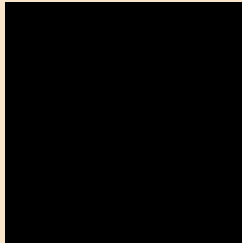
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 15.849, 80.566

Background



This preview shows how black text looks on a background with the CIELCh color 92, 15.849, 80.566.



This preview shows how white text looks on a background with the CIELCh color 92, 15.849, 80.566.

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
92, 15.849, 80.566

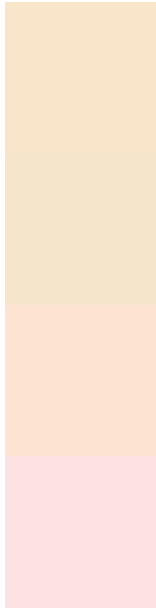
Protanopia
92, 15.100, 91.637

Deuteranopia
92, 12.745, 51.573



Tritanopia
92, 13.864, 341.136

Trichromacy



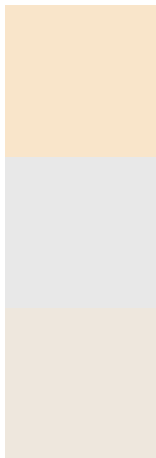
Original Color
92, 15.849, 80.566

Protanomaly
92, 15.011, 86.962

Deuteranomaly
92, 13.482, 63.130

Tritanomaly
92, 9.474, 16.903

Monochromacy



Original Color
92, 15.849, 80.566

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.729, 83.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 15.849, 80.566 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(249, 229, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 202)  
}
```

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(249, 229, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 15.849, 80.566 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(249, 229, 202) }
```

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

```
.border{ border-color:rgb(249, 229, 202) }
```

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

Here you see how a box with a 4 pixel rgb(249, 229, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 15.849, 80.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 202) }
```

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

```
.background{ background-color: rgb(249,  
229, 202) }
```

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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