

Converting Colors

CIELCh(92, 29.319, 92.368)

Have a look what the booklet for
CIELCh(92, 29.319, 92.368) contains.

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Color

CIELCh(92, 29.319, 92.368)

Conversions

Conversions Part 1

Format	Color
Hex	FBE7B0
RGB	251, 231, 176
RGB Percent	98%, 91%, 69%
CMY	0.0162, 0.0945, 0.3102
CMYK	0.00, 0.08, 0.30, 0.02
HSL	44°, 90%, 84%
HSV	44°, 30%, 98%
XYZ	76.1099, 80.7044, 52.5831
YIQ	230.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

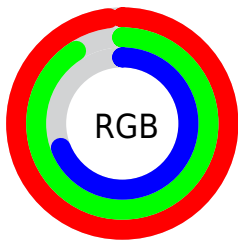
Format	Color
RYB	203, 251, 176
Decimal	16508848
CIELab	92.00, -1.21, 29.29
CIElCh	92, 29.319, 92.368
Yxy	80.7044, 0.3635, 0.3854
Android (android.graphics.Color)	4294698928 (0xFFFBE7B0)
YUV	230.7100, -26.9720, 17.7943
Hunter-Lab	89.8356, -5.9850, 28.1810

Details

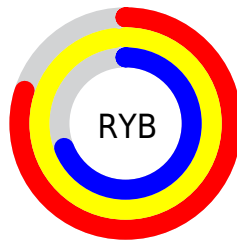
The CIELCh color **92, 29.319, 92.368** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 29.805, 280.585**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **72, 29.551, 92.507** is the 20% darker color. If you saturate the color by 10%, you get **90, 39.279, 91.056**, and if you desaturate by 10%, it is **94, 19.397, 93.654**.

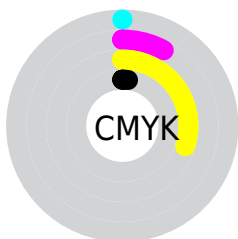
Distribution



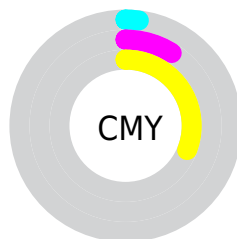
- Red (98%)
- Green (91%)
- Blue (69%)



- Red (80%)
- Yellow (98%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 29.319, 92.368 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, 29.319, 92.368 by changing the saturation by 10% instead.

 92, 29.319, 92.368

 92, 29.319, 92.368

 100, 29.319,
92.368

 82, 29.319, 92.368

 72, 29.319, 92.368

 62, 29.319, 92.368

 52, 29.319, 92.368

 42, 29.319, 92.368

 32, 29.319, 92.368

 22, 29.319, 92.368

 12, 29.319, 92.368

 2, 29.319, 92.368

92, 29.319, 92.368

92, 29.319, 92.368

90, 39.279, 91.056

94, 19.397, 93.654

88, 49.145, 89.703

96, 9.574, 94.888

86, 58.679, 88.311

99, 0.116, 278.123

84, 67.467, 86.859

100, 1.430,
199.778

82, 74.839, 85.295

81, 79.916, 83.524

79, 82.282, 81.450

79, 82.303, 81.427

Harmonies

Complementary

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



92, 29.319, 92.368



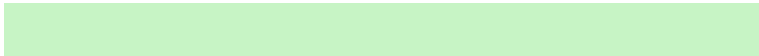
79, 29.805, 280.585

Rectangle

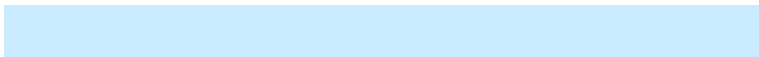
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 29.319, 92.368



92, 29.319, 142.368



92, 29.319, 272.368



92, 29.319, 322.368

Sweetspot

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



92, 29.320, 92.374



98, 8.822, 94.994



79, 30.133, 1.689



52, 6.137, 94.819



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, 29.320, 92.374



92, 35.878, 91.568



96, 38.401, 117.321



51, 5.483, 94.936



61, 66.525, 81.857



20, 28.003, 84.485

Inverse Universe

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



79, 29.805, 280.585



77, 36.656, 281.792



76, 41.000, 301.619



49, 5.518, 277.330



29, 86.180, 299.954



6, 33.545, 294.590

Previews

White Background



This preview shows how the CIE LCh color 92, 29.319, 92.368 looks on a white background.

Color Contrast Check

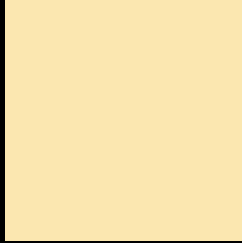
Large Text (above 18pt) WCAG AA × Fail

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, 29.319, 92.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

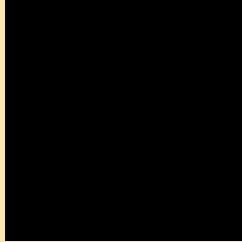
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

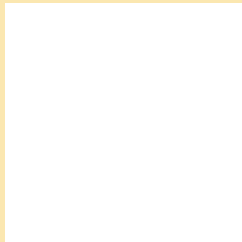
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 29.319, 92.368

Background



This preview shows how black text looks on a background with the CIELCh color 92, 29.319, 92.368.

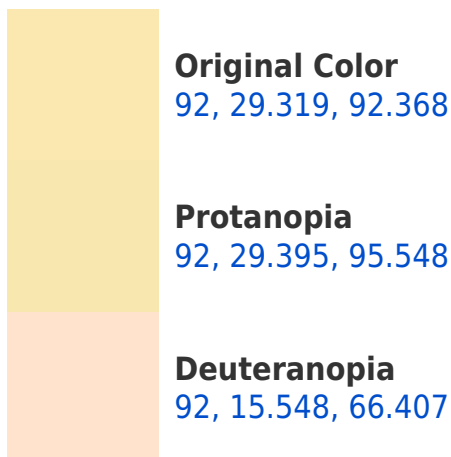


This preview shows how white text looks on a background with the CIELCh color 92, 29.319, 92.368.

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](#).

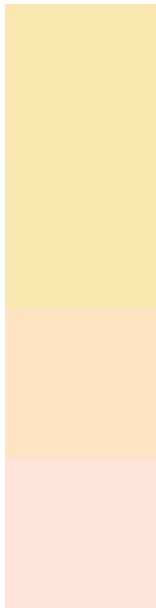
Dichromacy





Tritanopia
92, 13.547, 345.549

Trichromacy



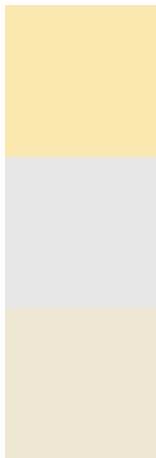
Original Color
92, 29.319, 92.368

Protanomaly
92, 29.485, 94.801

Deuteranomaly
92, 20.212, 79.185

Tritanomaly
92, 11.518, 49.314

Monochromacy



Original Color
92, 29.319, 92.368

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.614, 95.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 29.319, 92.368 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(251, 231, 176)` looks like.

```
.text, #text, p{  
    color:rgb(251, 231, 176)  
}
```

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(251, 231, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 231, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 29.319, 92.368 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(251, 231, 176) }
```

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

```
.border{ border-color:rgb(251, 231, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 231, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 231, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 231, 176);  
box-shadow:4px 4px 4px 4px rgb(251, 231,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 29.319, 92.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 231, 176) }
```

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

```
.background{ background-color: rgb(251,  
231, 176) }
```

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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