

Converting Colors

CIELCh(100, 56.600, 54.364)

Have a look what the booklet for
CIELCh(100, 56.600, 54.364)
contains.

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Color

CIELCh(92, 33.518, 89.609)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6A8
RGB	255, 230, 168
RGB Percent	100%, 90%, 66%
CMY	0.0000, 0.0989, 0.3422
CMYK	0.00, 0.10, 0.34, 0.00
HSL	43°, 100%, 83%
HSV	43°, 34%, 100%
XYZ	76.8203, 80.7044, 48.4506
YIQ	230.4070, 34.8020, -13.9820

Conversions

Conversions Part 2

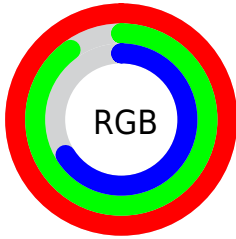
Format	Color
RYB	203, 255, 168
Decimal	16770728
CIELab	92.00, 0.23, 33.52
CIELCh	92, 33.518, 89.609
Yxy	80.7044, 0.3730, 0.3918
Android (android.graphics.Color)	4294960808 (0xFFFFE6A8)
YUV	230.4070, -30.7667, 21.5681
Hunter-Lab	89.8356, -4.5734, 30.9084

Details

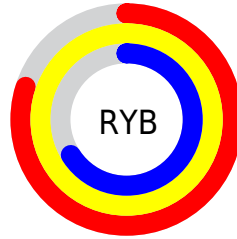
The CIELCh color **92, 33.518, 89.609** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.797, 279.919**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **72, 33.641, 90.777** is the 20% darker color. If you saturate the color by 10%, you get **90, 43.362, 88.784**, and if you desaturate by 10%, it is **94, 23.494, 91.465**.

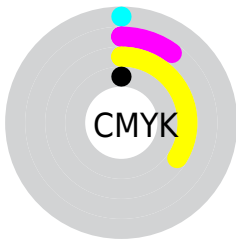
Distribution



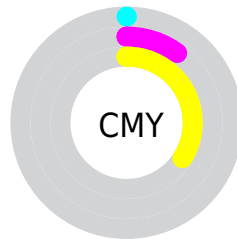
- Red (100%)
- Green (90%)
- Blue (66%)



- Red (80%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 33.518, 89.609 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 92, 33.518, 89.609 by changing the saturation by 10% instead.

 92, 33.518, 89.609

 92, 33.518, 89.609

 100, 33.518,
89.609

 82, 33.518, 89.609

 72, 33.518, 89.609

 62, 33.518, 89.609

 52, 33.518, 89.609

 42, 33.518, 89.609

 32, 33.518, 89.609

 22, 33.518, 89.609

 12, 33.518, 89.609

 2, 33.518, 89.609

92, 33.518, 89.609

92, 33.518, 89.609

90, 43.362, 88.784

94, 23.494, 91.465

88, 53.175, 87.385

97, 13.682, 92.742

85, 62.559, 85.930

99, 4.017, 93.939

83, 70.995, 84.381

100, 0.012,
296.813

82, 77.690, 82.656

80, 81.722, 80.616

79, 82.914, 79.280

Harmonies

Complementary

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



92, 33.518, 89.609



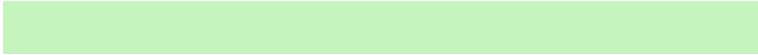
78, 33.797, 279.919

Rectangle

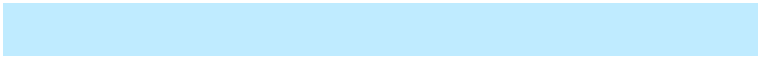
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 33.518, 89.609



92, 33.518, 139.609



92, 33.518, 269.609



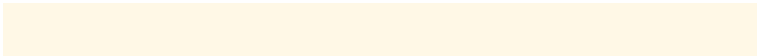
92, 33.518, 319.609

Sweetspot

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



92, 33.414, 90.144



98, 9.588, 93.263



78, 35.551, 359.945



52, 6.550, 93.091



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

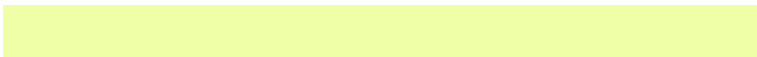
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 33.414, 90.144



90, 40.167, 89.226



97, 44.199, 115.630



52, 5.448, 93.323



61, 66.845, 79.751



20, 28.758, 82.418

Inverse Universe

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



78, 33.797, 279.919



74, 40.816, 281.377



73, 47.842, 300.961



50, 5.471, 275.762



31, 84.459, 298.970



7, 33.891, 294.131

Previews

White Background



This preview shows how the CIE LCh color 92, 33.518, 89.609 looks on a white background.

Color Contrast Check

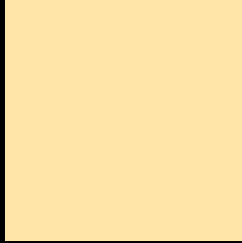
Large Text (above 18pt) WCAG AA × Fail

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 92, 33.518, 89.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

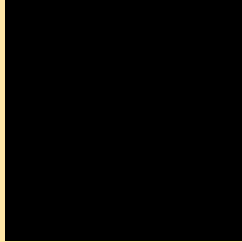
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 33.518, 89.609

Background



This preview shows how black text looks on a background with the CIELCh color 92, 33.518, 89.609.



This preview shows how white text looks on a background with the CIELCh color 92, 33.518, 89.609.

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



Original Color
92, 33.362, 90.278

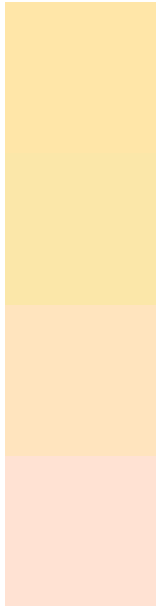
Protanopia
92, 32.956, 95.800

Deuteranopia
92, 16.344, 68.710



Tritanopia
92, 12.760, 351.318

Trichromacy



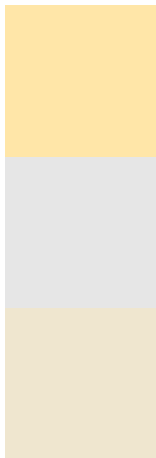
Original Color
92, 33.362, 90.278

Protanomaly
92, 32.767, 93.618

Deuteranomaly
92, 22.240, 80.639

Tritanomaly
92, 13.352, 55.196

Monochromacy



Original Color
92, 33.362, 90.278

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 12.312, 93.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 33.518, 89.609 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(255, 230, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 168)  
}
```

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, 230, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 33.518, 89.609 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(255, 230, 168) }
```

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

```
.border{ border-color:rgb(255, 230, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 33.518, 89.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 168) }
```

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

```
.background{ background-color: rgb(255,  
230, 168) }
```

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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