

Converting Colors

CIELCh(100, 58.623, 56.637)

Have a look what the booklet for
CIELCh(100, 58.623, 56.637)
contains.

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Color

CIELCh(92, 36.431, 90.717)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6A2
RGB	255, 230, 162
RGB Percent	100%, 90%, 64%
CMY	0.0000, 0.0978, 0.3647
CMYK	0.00, 0.10, 0.36, 0.00
HSL	44°, 100%, 82%
HSV	44°, 36%, 100%
XYZ	76.4820, 80.7044, 45.7321
YIQ	229.7230, 36.7280, -15.8480

Conversions

Conversions Part 2

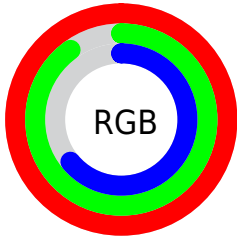
Format	Color
R_{YB}	196, 255, 162
Decimal	16770722
CIE _{Lab}	92.00, -0.46, 36.43
CIE _{LCh}	92, 36.431, 90.717
Yxy	80.7044, 0.3769, 0.3977
Android (android.graphics.Color)	4294960802 (0xFFFFE6A2)
YUV	229.7230, -33.3874, 22.1679
Hunter-Lab	89.8356, -5.2456, 32.7026

Details

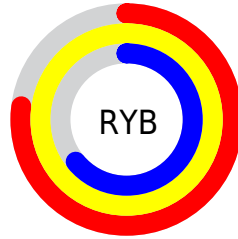
The CIELCh color **92, 36.431, 90.717** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.079, 281.786**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **72, 36.165, 91.565** is the 20% darker color. If you saturate the color by 10%, you get **90, 46.340, 90.048**, and if you desaturate by 10%, it is **94, 26.221, 92.700**.

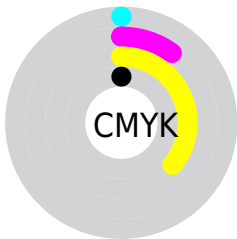
Distribution



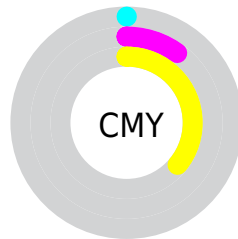
- Red (100%)
- Green (90%)
- Blue (64%)



- Red (77%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 36.431, 90.717 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, 36.431, 90.717 by changing the saturation by 10% instead.

 92, 36.431, 90.717

 92, 36.431, 90.717

 100, 36.431,
90.717

 82, 36.431, 90.717

 72, 36.431, 90.717

 62, 36.431, 90.717

 52, 36.431, 90.717

 42, 36.431, 90.717

 32, 36.431, 90.717

 22, 36.431, 90.717

 12, 36.431, 90.717

 2, 36.431, 90.717

■ 92, 36.431, 90.717

■ 92, 36.431, 90.717

■ 90, 46.340, 90.048

■ 94, 26.221, 92.700

■ 88, 56.146, 88.667

■ 96, 16.208, 93.970

■ 86, 65.367, 87.234

■ 99, 6.314, 95.181

■ 84, 73.417, 85.711

100, 0.012,
296.813

■ 82, 79.452, 84.015

■ 81, 82.635, 82.017

■ 80, 83.287, 81.257

Harmonies

Complementary

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



92, 36.431, 90.717



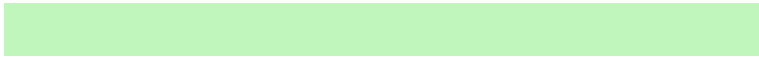
76, 37.079, 281.786

Rectangle

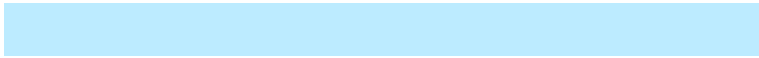
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 36.431, 90.717



92, 36.431, 140.717



92, 36.431, 270.717



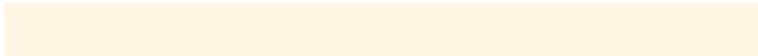
92, 36.431, 320.717

Sweetspot

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



92, 36.299, 91.392



97, 10.782, 94.642



77, 37.778, 1.496



52, 7.253, 94.477



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

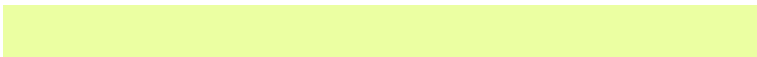
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 36.299, 91.392



90, 43.875, 90.383



97, 47.115, 116.191



52, 5.566, 94.823



62, 67.162, 81.689



20, 29.116, 84.255

Inverse Universe

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



76, 37.079, 281.786



71, 45.180, 283.449



72, 51.250, 301.739



50, 5.600, 277.224



30, 86.941, 299.915



7, 34.854, 295.120

Previews

White Background



This preview shows how the CIE LCh color 92, 36.431, 90.717 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, 36.431, 90.717 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, 36.431, 90.717

Background



This preview shows how black text looks on a background with the CIELCh color 92, 36.431, 90.717.

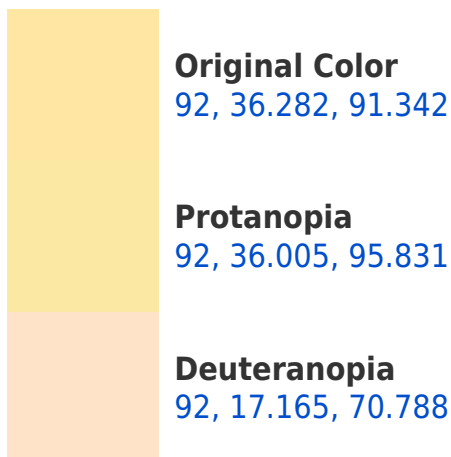



This preview shows how white text looks on a background with the CIELCh color 92, 36.431, 90.717.

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](#).

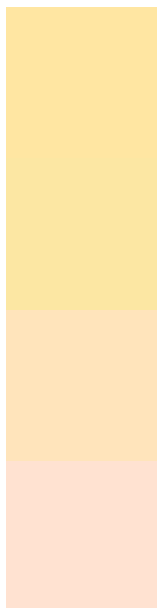
Dichromacy





Tritanopia
92, 12.760, 351.318

Trichromacy



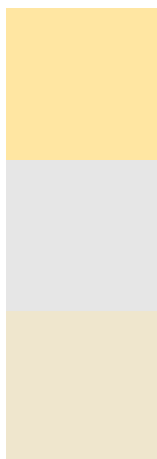
Original Color
92, 36.282, 91.342

Protanomaly
92, 35.817, 93.826

Deuteranomaly
92, 23.634, 82.172

Tritanomaly
92, 14.010, 58.484

Monochromacy



Original Color
92, 36.282, 91.342

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 13.310, 94.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 36.431, 90.717 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 36.431, 90.717 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, 162) }
```

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

```
.border{ border-color:rgb(255, 230, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 36.431, 90.717 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
230, 162) }
```

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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