

Converting Colors

CIELCh(100, 58.414, 51.398)

Have a look what the booklet for
CIELCh(100, 58.414, 51.398)
contains.

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Color

CIELCh(91, 32.093, 86.658)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2A8
RGB	255, 226, 168
RGB Percent	100%, 89%, 66%
CMY	0.0000, 0.1137, 0.3411
CMYK	0.00, 0.11, 0.34, 0.00
HSL	40°, 100%, 83%
HSV	40°, 34%, 100%
XYZ	75.5075, 78.4833, 48.2174
YIQ	228.0590, 35.9020, -11.8900

Conversions

Conversions Part 2

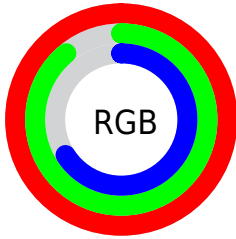
Format	Color
R _Y B	212, 255, 168
Decimal	16769704
CIE Lab	91.00, 1.87, 32.04
CIE LCh	91, 32.093, 86.658
Yxy	78.4833, 0.3734, 0.3881
Android (android.graphics.Color)	4294959784 (0xFFFFE2A8)
YUV	228.0590, -29.6091, 23.6273
Hunter-Lab	88.5908, -2.8952, 29.7437

Details

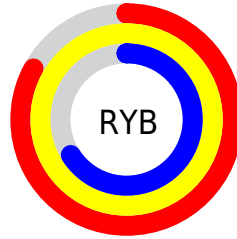
The CIELCh color **91, 32.093, 86.658** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 31.867, 276.664**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **71, 32.336, 87.024** is the 20% darker color. If you saturate the color by 10%, you get **89, 41.825, 85.270**, and if you desaturate by 10%, it is **94, 22.466, 88.021**.

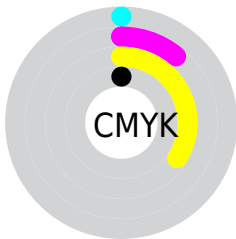
Distribution



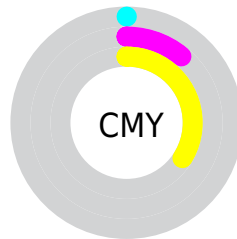
- Red (100%)
- Green (89%)
- Blue (66%)



- Red (83%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 32.093, 86.658 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 91, 32.093, 86.658 by changing the saturation by 10% instead.

 91, 32.093, 86.658

 91, 32.093, 86.658

 100, 32.093,
86.658

 81, 32.093, 86.658


 71, 32.093, 86.658


 61, 32.093, 86.658

 51, 32.093, 86.658

 41, 32.093, 86.658

 31, 32.093, 86.658

 21, 32.093, 86.658

 11, 32.093, 86.658

 1, 32.093, 86.658

91, 32.093, 86.658

91, 32.093, 86.658

89, 41.825, 85.270

94, 22.466, 88.021

86, 51.525, 83.827

96, 13.008, 89.328

84, 60.924, 82.316

99, 3.744, 90.546

81, 69.536, 80.685

100, 0.012,
296.813

79, 76.569, 78.829

77, 81.040, 76.565

76, 82.511, 75.029

Harmonies

Complementary

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



91, 32.093, 86.658



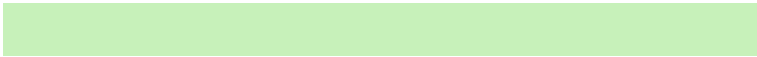
79, 31.867, 276.664

Rectangle

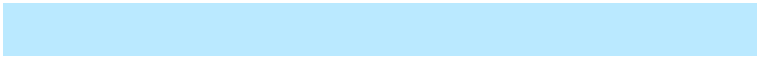
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 32.093, 86.658



91, 32.093, 136.658



91, 32.093, 266.658



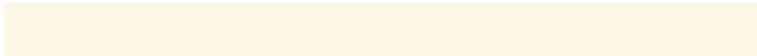
91, 32.093, 316.658

Sweetspot

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



91, 32.093, 86.666



97, 9.172, 89.848



78, 35.881, 357.587



52, 6.268, 89.672



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

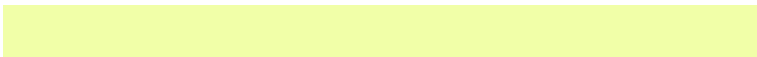
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 32.093, 86.666



89, 38.789, 85.710



97, 43.901, 114.208



52, 5.211, 89.910



58, 66.475, 75.577



19, 28.096, 78.345

Inverse Universe

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



79, 31.867, 276.664



75, 38.523, 278.185



73, 47.608, 299.872



50, 5.210, 272.420



33, 78.998, 296.695



8, 31.689, 291.559

Previews

White Background



This preview shows how the CIELCh color 91, 32.093, 86.658 looks on a white background.

Color Contrast Check

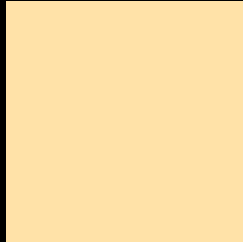
Large Text (above 18pt) WCAG AA × Fail

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 91, 32.093, 86.658 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 91, 32.093, 86.658

Background



This preview shows how black text looks on a background with the CIELCh color 91, 32.093, 86.658.



This preview shows how white text looks on a background with the CIELCh color 91, 32.093, 86.658.

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

91, 32.093, 86.658

Protanopia

91, 31.544, 95.362

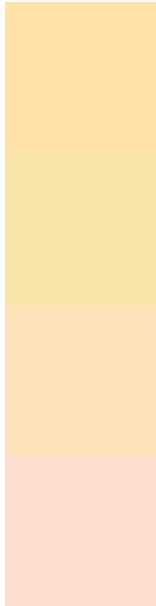
Deuteranopia

91, 18.378, 68.869



Tritanopia
91, 14.315, 352.485

Trichromacy



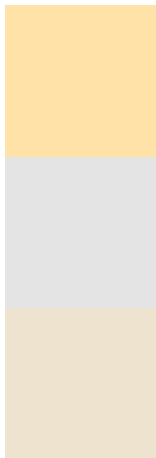
Original Color
91, 32.093, 86.658

Protanomaly
91, 31.473, 92.377

Deuteranomaly
91, 23.349, 78.584

Tritanomaly
91, 14.127, 48.368

Monochromacy



Original Color
91, 32.093, 86.658

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 11.590, 88.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 32.093, 86.658 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, 226, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 32.093, 86.658 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, 226, 168) }
```

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

```
.border{ border-color:rgb(255, 226, 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, 226, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 168); box-shadow:4px 4px 4px 4px rgb(255, 226, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 32.093, 86.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 168) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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