

Converting Colors

CIELCh(91, 44.973, 105.739)

Have a look what the booklet for
CIELCh(91, 44.973, 105.739)
contains.

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Color

CIELCh(91, 45.070, 105.990)

Conversions

Conversions Part 1

Format	Color
Hex	EBEA91
RGB	235, 234, 145
RGB Percent	92%, 92%, 57%
CMY	0.0788, 0.0827, 0.4317
CMYK	0.00, 0.00, 0.38, 0.08
HSL	59°, 69%, 74%
HSV	59°, 38%, 92%
XYZ	68.7325, 78.4833, 38.2801
YIQ	224.1530, 29.1650, -27.4670

Conversions

Conversions Part 2

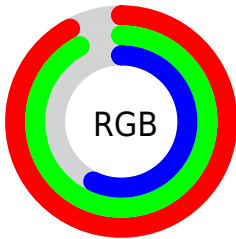
Format	Color
RYB	146, 235, 145
Decimal	15461009
CIELab	91.00, -12.42, 43.33
CIELCh	91, 45.070, 105.990
Yxy	78.4833, 0.3705, 0.4231
Android (android.graphics.Color)	4293651089 (0xFFEBEA91)
YUV	224.1530, -39.0224, 9.5128
Hunter-Lab	88.5908, -16.5460, 36.3944

Details

The CIELCh color **91, 45.070, 105.990** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **64, 49.652, 294.887**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **71, 44.780, 105.689** is the 20% darker color. If you saturate the color by 10%, you get **91, 56.096, 105.067**, and if you desaturate by 10%, it is **91, 33.582, 106.960**.

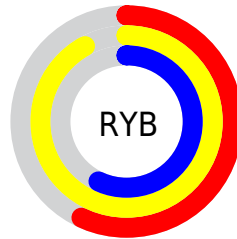
Distribution



Red (92%)

Green (92%)

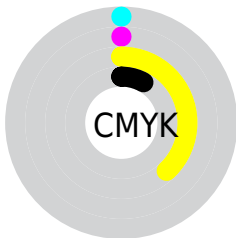
Blue (57%)



Red (57%)

Yellow (92%)

Blue (57%)

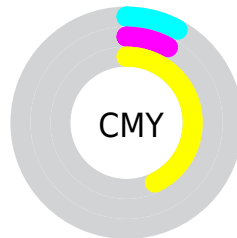


Cyan (0%)

Magenta (0%)

Yellow (38%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 45.070, 105.990 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, 45.070, 105.990 by changing the saturation by 10% instead.

91, 45.070,
105.990

91, 45.070,
105.990

100, 45.070,
105.990

81, 45.070,
105.990

71, 45.070,
105.990

61, 45.070,
105.990

51, 45.070,
105.990

41, 45.070,
105.990

31, 45.070,
105.990

21, 45.070,

105.990

■ 11, 45.070,
105.990

■ 1, 45.070, 105.990

■ 91, 45.070,
105.990

■ 91, 45.070,
105.990

■ 91, 56.096,
105.067

■ 91, 33.582,
106.960

■ 90, 66.351,
104.211

■ 92, 21.824,
107.943

■ 90, 75.395,
103.461

■ 92, 9.925, 108.924

■ 90, 82.661,
102.855

■ 93, 2.036, 289.940

■ 94, 10.207,
290.401

■ 90, 87.591,
102.429

■ 94, 10.072,
289.879

■ 90, 90.022,
102.183

■ 94, 9.937, 289.344

■ 90, 90.319,
102.150

■ 94, 9.803, 288.794

■ 94, 9.671, 288.229

Harmonies

Complementary

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



91, 45.070, 105.990



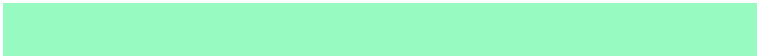
64, 49.652, 294.887

Rectangle

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



91, 45.070, 105.990



91, 45.070, 155.990



91, 45.070, 285.990



91, 45.070, 335.990

Sweetspot

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



91, 45.072, 105.993



99, 14.040, 108.657



69, 36.813, 21.847



53, 9.431, 108.523



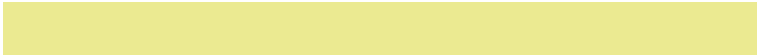
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 45.072, 105.993



98, 57.277, 105.257



88, 48.812, 126.663



49, 6.778, 108.811



71, 74.325, 102.161



21, 30.359, 102.882

Inverse Universe

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



64, 49.652, 294.887



63, 64.808, 296.382



67, 51.706, 310.456



45, 6.927, 290.734



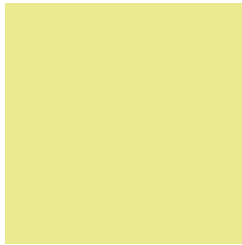
22, 102.962, 306.151



2, 35.460, 297.553

Previews

White Background



This preview shows how the CIELCh color 91, 45.070, 105.990 looks on a white background.

Color Contrast Check

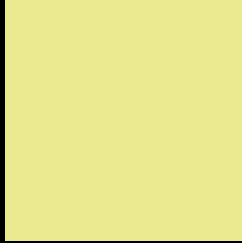
Large Text (above 18pt) WCAG AA × Fail

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, 45.070, 105.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

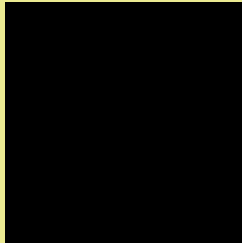
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 45.070, 105.990

Background



This preview shows how black text looks on a background with the CIELCh color 91, 45.070, 105.990.

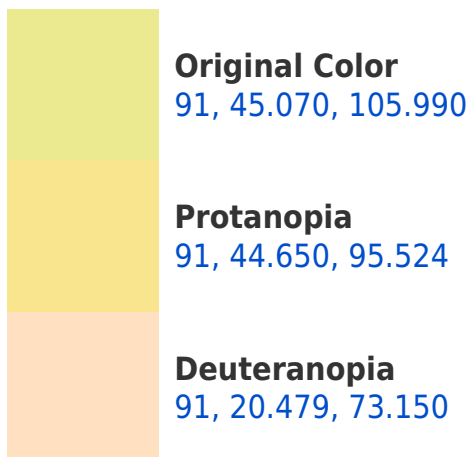



This preview shows how white text looks on a background with the CIELCh color 91, 45.070, 105.990.

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
91, 12.681, 332.949

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 45.070, 105.990 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(235, 234, 145)` looks like.

```
.text, #text, p{  
    color:rgb(235, 234, 145)  
}
```

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(235, 234, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 234, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 45.070, 105.990 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(235, 234, 145) }
```

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

```
.border{ border-color:rgb(235, 234, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 234, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 234, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 234, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 234,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 45.070, 105.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 234, 145) }
```

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

```
.background{ background-color: rgb(235,  
234, 145) }
```

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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