

Converting Colors

CIELCh(91, 44.098, 108.668)

Have a look what the booklet for
CIELCh(91, 44.098, 108.668)
contains.

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Color

CIELCh(91, 44.098, 108.668)

Conversions

Conversions Part 1

Format	Color
Hex	E7EB94
RGB	231, 235, 148
RGB Percent	91%, 92%, 58%
CMY	0.0944, 0.0787, 0.4199
CMYK	0.02, 0.00, 0.37, 0.08
HSL	63°, 68%, 75%
HSV	63°, 37%, 92%
XYZ	67.9546, 78.4833, 39.5536
YIQ	223.8860, 25.5430, -27.9050

Conversions

Conversions Part 2

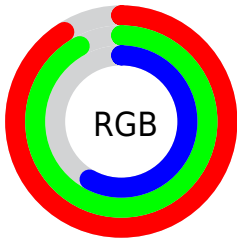
Format	Color
RYB	148, 235, 152
Decimal	15199124
CIELab	91.00, -14.12, 41.78
CIELCh	91, 44.098, 108.668
Yxy	78.4833, 0.3654, 0.4220
Android (android.graphics.Color)	4293389204 (0xFFE7EB94)
YUV	223.8860, -37.4118, 6.2390
Hunter-Lab	88.5908, -18.1135, 35.5421

Details

The CIELCh color **91, 44.098, 108.668** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 48.460, 296.458**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **71, 43.824, 108.602** is the 20% darker color. If you saturate the color by 10%, you get **91, 55.292, 107.828**, and if you desaturate by 10%, it is **91, 32.455, 109.557**.

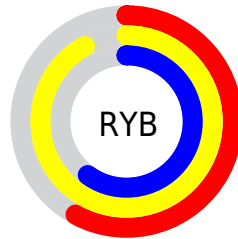
Distribution



Red (91%)

Green (92%)

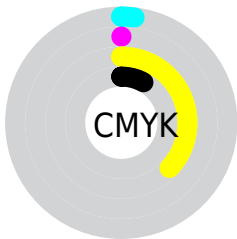
Blue (58%)



Red (58%)

Yellow (92%)

Blue (60%)

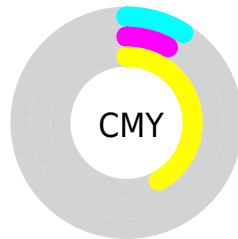


Cyan (2%)

Magenta (0%)

Yellow (37%)

Black (8%)



Cyan (9%)

Magenta (8%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 44.098, 108.668 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, 44.098, 108.668 by changing the saturation by 10% instead.

 91, 44.098,
108.668

 91, 44.098,
108.668

 100, 44.098,
108.668

 81, 44.098,
108.668

 71, 44.098,
108.668

 61, 44.098,
108.668

 51, 44.098,
108.668

 41, 44.098,
108.668

 31, 44.098,
108.668

 21, 44.098,

108.668

■ 11, 44.098,
108.668

■ 1, 44.098, 108.668

■ 91, 44.098,
108.668

■ 91, 44.098,
108.668

■ 91, 55.292,
107.828

■ 91, 32.455,
109.557

■ 90, 65.744,
107.061

■ 92, 20.549,
110.461

■ 90, 75.036,
106.417

■ 93, 8.501, 111.359

■ 90, 82.617,
105.946

■ 93, 3.607, 292.267

■ 94, 10.374,
293.646

90, 87.927,
105.703

94, 10.403,
295.687

90, 90.694,
105.710

94, 10.445,
297.719

90, 91.239,
105.740

94, 10.499,
299.736

94, 10.566,
301.734

Harmonies

Complementary

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



91, 44.098, 108.668



65, 48.460, 296.458

Rectangle

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



91, 44.098, 108.668



91, 44.098, 158.668



91, 44.098, 288.668



91, 44.098, 338.668

Sweetspot

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



91, 44.100, 108.671



99, 14.206, 111.000



71, 34.538, 25.248



53, 9.543, 110.878



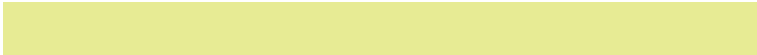
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 44.100, 108.671



98, 55.517, 108.061



88, 47.858, 128.498



49, 6.859, 111.142



71, 75.063, 105.692



21, 30.667, 106.028

Inverse Universe

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



65, 48.460, 296.458



64, 62.468, 297.647



69, 50.258, 312.000



45, 7.013, 292.899



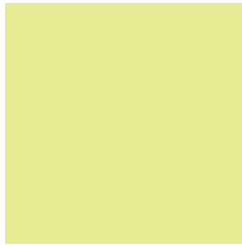
22, 103.239, 306.426



3, 35.830, 298.842

Previews

White Background



This preview shows how the CIELCh color 91, 44.098, 108.668 looks on a white background.

Color Contrast Check

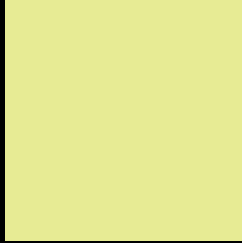
Large Text (above 18pt) WCAG AA × Fail

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, 44.098, 108.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

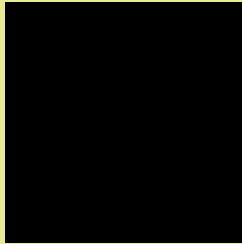
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 44.098, 108.668

Background



This preview shows how black text looks on a background with the CIELCh color 91, 44.098, 108.668.

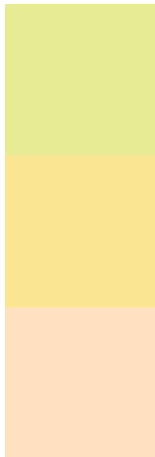


This preview shows how white text looks on a background with the CIELCh color 91, 44.098, 108.668.

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, 44.098, 108.668

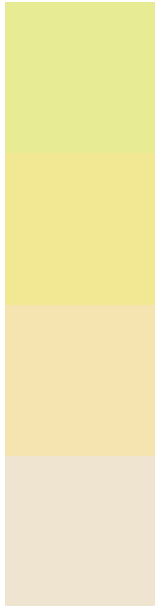
Protanopia
91, 43.113, 95.837

Deuteranopia
91, 20.479, 73.150



Tritanopia
91, 10.921, 326.358

Trichromacy



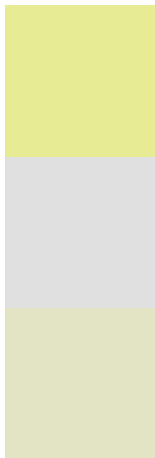
Original Color
91, 44.098, 108.668

Protanomaly
91, 42.960, 100.737

Deuteranomaly
91, 27.692, 93.237

Tritanomaly
91, 11.454, 90.325

Monochromacy



Original Color
91, 44.098, 108.668

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 16.535, 110.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 44.098, 108.668 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(231, 235, 148)` looks like.

```
.text, #text, p{  
    color:rgb(231, 235, 148)  
}
```

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(231, 235, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 235, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 44.098, 108.668 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(231, 235, 148) }
```

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

```
.border{ border-color:rgb(231, 235, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 235, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 235, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 235, 148);  
box-shadow:4px 4px 4px 4px rgb(231, 235,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 44.098, 108.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 235, 148) }
```

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

```
.background{ background-color: rgb(231,  
235, 148) }
```

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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