

Converting Colors

CIELCh(91, 52.810, 107.302)

Have a look what the booklet for
CIELCh(91, 52.810, 107.302)
contains.

CIELCh(91, 52.704, 107.212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 52.704, 107.212)

Conversions

Conversions Part 1

Format	Color
Hex	E8EB82
RGB	232, 235, 130
RGB Percent	91%, 92%, 51%
CMY	0.0886, 0.0769, 0.4888
CMYK	0.01, 0.00, 0.45, 0.08
HSL	62°, 73%, 72%
HSV	62°, 45%, 92%
XYZ	67.2817, 78.4833, 32.8500
YIQ	222.1330, 31.9170, -33.2910

Conversions

Conversions Part 2

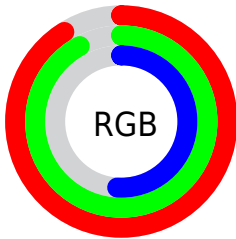
Format	Color
RYB	130, 235, 133
Decimal	15264642
CIELab	91.00, -15.60, 50.34
CIELCh	91, 52.704, 107.212
Yxy	78.4833, 0.3767, 0.4394
Android (android.graphics.Color)	4293454722 (0xFFE8EB82)
YUV	222.1330, -45.4216, 8.6534
Hunter-Lab	88.5908, -19.4692, 40.0285

Details

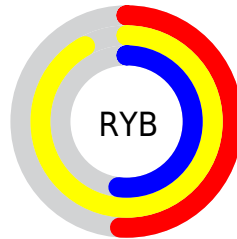
The CIELCh color **91, 52.704, 107.212** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **59, 59.420, 297.239**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 35.183, 107.497**, and **71, 52.328, 106.866** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.381, 106.397**, and if you desaturate by 10%, it is **91, 41.369, 108.098**.

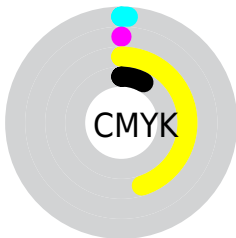
Distribution



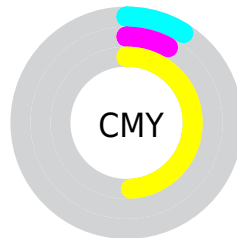
- Red (91%)
- Green (92%)
- Blue (51%)



- Red (51%)
- Yellow (92%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (45%)
- Black (8%)





- Cyan (9%)
- Magenta (8%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 52.704, 107.212 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, 52.704, 107.212 by changing the saturation by 10% instead.


 91, 52.704,
107.212


 91, 52.704,
107.212


 100, 52.704,
107.212


 81, 52.704,
107.212

 71, 52.704,
107.212

 61, 52.704,
107.212

 51, 52.704,
107.212

 41, 52.704,
107.212

 31, 52.704,
107.212

 21, 52.704,

107.212

■ 11, 52.704,
107.212

■ 1, 52.704, 107.212

■ 91, 52.704,
107.212

■ 91, 52.704,
107.212

■ 91, 63.381,
106.397

■ 91, 41.369,
108.098

■ 90, 73.005,
105.685

■ 92, 29.633,
109.017

■ 90, 81.054,
105.125

■ 92, 17.669,
109.948

■ 90, 86.947,
104.766

■ 93, 5.587, 110.868

■ 94, 6.541, 291.797

■ 90, 90.296,
104.639

■ 94, 10.124,
292.974

■ 90, 91.284,
104.644

■ 94, 10.137,
294.273

■ 94, 10.156,
295.570

■ 94, 10.180,
296.863

Harmonies

Complementary

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



91, 52.704, 107.212



59, 59.420, 297.239

Rectangle

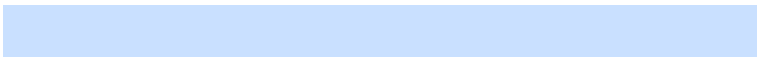
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 52.704, 107.212



91, 52.704, 157.212



91, 52.704, 287.212



91, 52.704, 337.212

Sweetspot

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



91, 52.705, 107.215



99, 16.774, 110.093



66, 43.409, 25.229



53, 11.730, 109.887



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, 52.705, 107.215



97, 66.919, 106.427



88, 57.130, 127.563



49, 6.855, 110.425



71, 74.990, 104.615



21, 30.654, 105.054

Inverse Universe

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



59, 59.420, 297.239



56, 78.217, 299.082



64, 60.836, 311.862



45, 7.010, 292.238



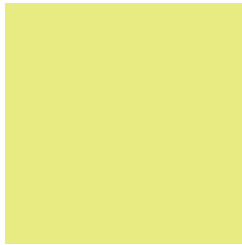
21, 103.328, 306.373



2, 35.792, 298.427

Previews

White Background



This preview shows how the CIELCh color 91, 52.704, 107.212 looks on a white background.

Color Contrast Check

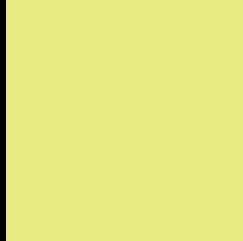
Large Text (above 18pt) WCAG AA × Fail

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, 52.704, 107.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

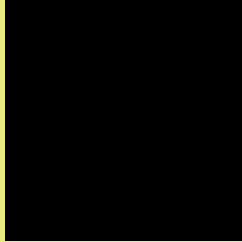
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 52.704, 107.212

Background



This preview shows how black text looks on a background with the CIELCh color 91, 52.704, 107.212.



This preview shows how white text looks on a background with the CIELCh color 91, 52.704, 107.212.

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, 52.704, 107.212

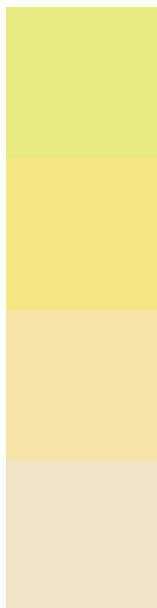
Protanopia
91, 51.961, 95.424

Deuteranopia
91, 21.788, 75.292



Tritanopia
91, 11.817, 332.044

Trichromacy



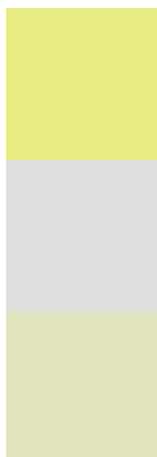
Original Color
91, 52.704, 107.212

Protanomaly
91, 51.756, 99.565

Deuteranomaly
91, 31.757, 93.944

Tritanomaly
91, 15.138, 91.612

Monochromacy



Original Color
91, 52.704, 107.212

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 20.145, 110.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 52.704, 107.212 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(232, 235, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 235, 130)  
}
```

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(232, 235, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 235, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 52.704, 107.212 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(232, 235, 130) }
```

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

```
.border{ border-color:rgb(232, 235, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 235, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 235, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 235, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 235,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 52.704, 107.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 235, 130) }
```

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

```
.background{ background-color: rgb(232,  
235, 130) }
```

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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