

Converting Colors

CIELCh(91, 69.566, 108.696)

Have a look what the booklet for
CIELCh(91, 69.566, 108.696)
contains.

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Color

CIELCh(91, 69.577, 108.682)

Conversions

Conversions Part 1

Format	Color
Hex	E2EE5F
RGB	226, 238, 95
RGB Percent	89%, 93%, 37%
CMY	0.1119, 0.0649, 0.6258
CMYK	0.05, 0.00, 0.60, 0.06
HSL	65°, 81%, 65%
HSV	65°, 60%, 94%
XYZ	64.2962, 78.4833, 22.6889
YIQ	218.1100, 38.7510, -47.0170

Conversions

Conversions Part 2

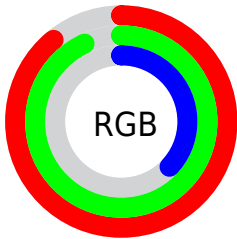
Format	Color
R_{YB}	95, 238, 107
Decimal	14872159
CIE _{Lab}	91.00, -22.29, 65.91
CIE _{LCh}	91, 69.577, 108.682
Yxy	78.4833, 0.3886, 0.4743
Android (android.graphics.Color)	4293062239 (0xFFE2EE5F)
YUV	218.1100, -60.6932, 6.9195
Hunter-Lab	88.5908, -25.4846, 46.8289

Details

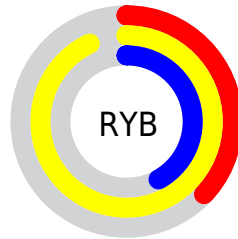
The CIELCh color **91, 69.577, 108.682** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **49, 82.946, 301.410**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 51.641, 106.227**, and **71, 69.466, 108.514** is the 20% darker color. If you saturate the color by 10%, you get **91, 78.561, 108.165**, and if you desaturate by 10%, it is **91, 59.272, 109.355**.

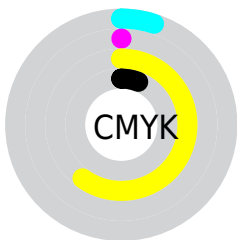
Distribution



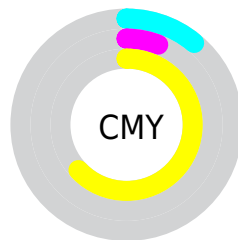
- Red (89%)
- Green (93%)
- Blue (37%)



- Red (37%)
- Yellow (93%)
- Blue (42%)



- Cyan (5%)
- Magenta (0%)
- Yellow (60%)
- Black (6%)





- Cyan (11%)
- Magenta (6%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 69.577, 108.682 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, 69.577, 108.682 by changing the saturation by 10% instead.


 91, 69.577,
108.682

 91, 69.577,
108.682


 100, 69.577,
108.682


 81, 69.577,
108.682

 71, 69.577,
108.682

 61, 69.577,
108.682

 51, 69.577,
108.682

 41, 69.577,
108.682

 31, 69.577,
108.682

 21, 69.577,

108.682

■ 11, 69.577,
108.682

■ 1, 69.577, 108.682

■ 91, 69.577,
108.682

■ 91, 69.577,
108.682

■ 91, 78.561,
108.165

■ 91, 59.272,
109.355

■ 90, 85.643,
107.860

■ 92, 48.108,
110.121

■ 90, 90.297,
107.831

■ 92, 36.414,
110.943

■ 90, 92.592,
108.073

■ 93, 24.406,
111.789

90, 92.596,
108.074

94, 12.224,
112.637

94, 0.039, 294.430

95, 8.556, 295.462

95, 8.647, 300.017

95, 8.792, 304.466

Harmonies

Complementary

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



91, 69.577, 108.682



49, 82.946, 301.410

Rectangle

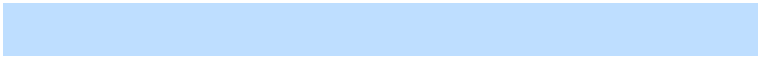
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 69.577, 108.682



91, 69.577, 158.682



91, 69.577, 288.682



91, 69.577, 338.682

Sweetspot

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



91, 69.578, 108.684



99, 23.237, 111.952



61, 58.840, 32.368



52, 16.128, 111.703



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, 69.578, 108.684



96, 84.555, 108.074



87, 77.227, 129.226



50, 6.992, 112.679



71, 76.107, 107.990



22, 32.022, 107.934

Inverse Universe

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



49, 82.946, 301.410



44, 106.164, 303.590



56, 82.796, 314.565



46, 7.148, 294.323



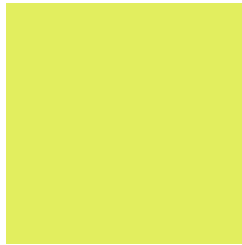
22, 104.109, 306.550



3, 38.022, 300.706

Previews

White Background



This preview shows how the CIELCh color 91, 69.577, 108.682 looks on a white background.

Color Contrast Check

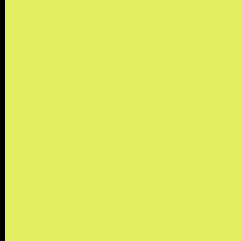
Large Text (above 18pt) WCAG AA × Fail

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, 69.577, 108.682 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, 69.577, 108.682

Background



This preview shows how black text looks on a background with the CIELCh color 91, 69.577, 108.682.



This preview shows how white text looks on a background with the CIELCh color 91, 69.577, 108.682.

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, 69.577, 108.682

Protanopia

91, 67.686, 95.306

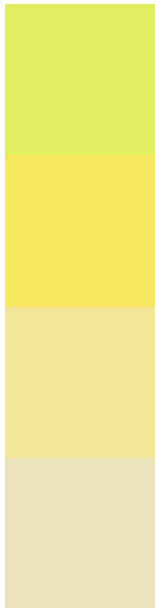
Deuteranopia

91, 23.577, 77.749



Tritanopia
91, 10.718, 324.803

Trichromacy



Original Color
91, 69.577, 108.682

Protanomaly
91, 67.687, 100.015

Deuteranomaly
91, 39.874, 97.639

Tritanomaly
91, 21.289, 101.220

Monochromacy



Original Color
91, 69.577, 108.682

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 26.866, 111.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 69.577, 108.682 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(226, 238, 95)` looks like.

```
.text, #text, p{  
    color:rgb(226, 238, 95)  
}
```

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(226, 238, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 238, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 69.577, 108.682 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(226, 238, 95) }
```

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

```
.border{ border-color:rgb(226, 238, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 238, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 238, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 238, 95);  
box-shadow:4px 4px 4px 4px rgb(226, 238,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 69.577, 108.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 238, 95) }
```

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

```
.background{ background-color: rgb(226,  
238, 95) }
```

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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