

Converting Colors

CIELCh(91, 59.238, 113.177)

Have a look what the booklet for
CIELCh(91, 59.238, 113.177)
contains.

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Color

CIELCh(91, 59.121, 112.938)

Conversions

Conversions Part 1

Format	Color
Hex	DCEF79
RGB	220, 239, 121
RGB Percent	86%, 94%, 47%
CMY	0.1365, 0.0619, 0.5247
CMYK	0.08, 0.00, 0.49, 0.06
HSL	70°, 79%, 71%
HSV	70°, 49%, 94%
XYZ	63.9650, 78.4833, 29.9273
YIQ	219.8670, 26.5540, -40.7260

Conversions

Conversions Part 2

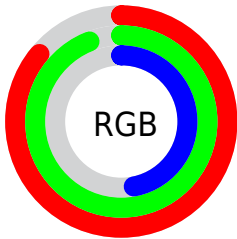
Format	Color
RYB	121, 239, 140
Decimal	14479225
CIELab	91.00, -23.04, 54.45
CIElCh	91, 59.121, 112.938
Yxy	78.4833, 0.3711, 0.4553
Android (android.graphics.Color)	4292669305 (0xFFDCEF79)
YUV	219.8670, -48.7414, 0.1166
Hunter-Lab	88.5908, -26.1520, 41.9845

Details

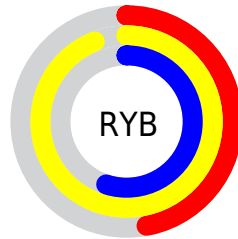
The CIELCh color **91, 59.121, 112.938** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **58, 67.213, 301.626**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **71, 59.027, 112.875** is the 20% darker color. If you saturate the color by 10%, you get **90, 69.628, 112.384**, and if you desaturate by 10%, it is **92, 47.795, 113.602**.

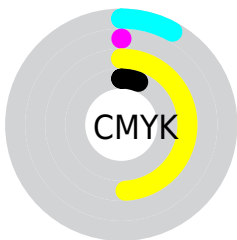
Distribution



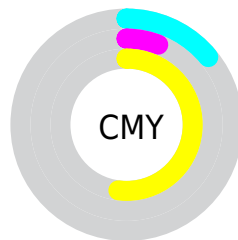
- Red (86%)
- Green (94%)
- Blue (47%)



- Red (47%)
- Yellow (94%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (49%)
- Black (6%)





- Cyan (14%)
- Magenta (6%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 59.121, 112.938 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, 59.121, 112.938 by changing the saturation by 10% instead.


 91, 59.121,
112.938


 91, 59.121,
112.938


 100, 59.121,
112.938


 81, 59.121,
112.938


 71, 59.121,
112.938

 61, 59.121,
112.938

 51, 59.121,
112.938

 41, 59.121,
112.938

 31, 59.121,
112.938

 21, 59.121,

112.938

■ 11, 59.121,
112.938

■ 1, 59.121, 112.938

■ 91, 59.121,
112.938

■ 91, 59.121,
112.938

■ 90, 69.628,
112.384

■ 92, 47.795,
113.602

■ 90, 78.860,
111.999

■ 92, 35.959,
114.321

■ 90, 86.250,
111.868

■ 93, 23.826,
115.063

■ 89, 91.260,
112.073

■ 94, 11.532,
115.806

■ 89, 93.859,
112.633

■ 95, 0.833, 296.538

■ 89, 93.999,
112.674

■ 95, 8.264, 300.678

■ 96, 8.607, 309.466

■ 96, 9.135, 317.469

■ 96, 9.821, 324.531

Harmonies

Complementary

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



91, 59.121, 112.938



58, 67.213, 301.626

Rectangle

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



91, 59.121, 112.938



91, 59.121, 162.938



91, 59.121, 292.938



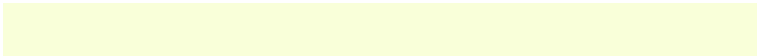
91, 59.121, 342.938

Sweetspot

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



91, 59.122, 112.940



99, 19.493, 115.383



68, 44.695, 35.656



52, 13.291, 115.225



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, 59.122, 112.940



96, 72.942, 112.390



87, 66.132, 131.727



50, 7.030, 115.796



70, 77.045, 112.520



22, 32.296, 112.061

Inverse Universe

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



58, 67.213, 301.626



54, 85.893, 303.024



63, 69.167, 316.245



46, 7.182, 297.219



23, 103.439, 306.963



3, 38.258, 302.486

Previews

White Background



This preview shows how the CIELCh color 91, 59.121, 112.938 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 CIE LCh color 91, 59.121, 112.938 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

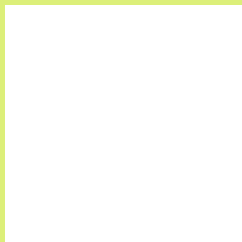
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 59.121, 112.938

Background



This preview shows how black text looks on a background with the CIELCh color 91, 59.121, 112.938.



This preview shows how white text looks on a background with the CIELCh color 91, 59.121, 112.938.

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, 59.121, 112.938

Protanopia
91, 56.667, 95.411

Deuteranopia
91, 22.231, 75.946

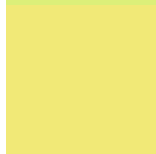


Tritanopia
91, 9.297, 308.342

Trichromacy



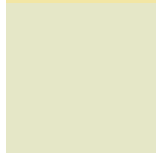
Original Color
91, 59.121, 112.938



Protanomaly
91, 57.037, 102.198



Deuteranomaly
91, 34.141, 99.397

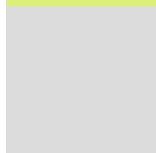


Tritanomaly
91, 16.512, 111.430

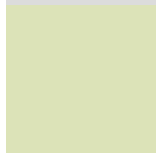
Monochromacy



Original Color
91, 59.121, 112.938



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 22.378, 115.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 59.121, 112.938 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(220, 239, 121)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 121)  
}
```

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(220, 239, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 59.121, 112.938 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(220, 239, 121) }
```

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

```
.border{ border-color:rgb(220, 239, 121) }
```

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

Here you see how a box with a 4 pixel rgb(220, 239, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 121);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 59.121, 112.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 121) }
```

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

```
.background{ background-color: rgb(220,  
239, 121) }
```

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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