

Converting Colors

CIELCh(92, 59.458, 104.124)

Have a look what the booklet for
CIELCh(92, 59.458, 104.124)
contains.

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Color

CIELCh(92, 59.119, 103.803)

Conversions

Conversions Part 1

Format	Color
Hex	F1ED76
RGB	241, 237, 118
RGB Percent	95%, 93%, 46%
CMY	0.0542, 0.0699, 0.5366
CMYK	0.00, 0.02, 0.51, 0.05
HSL	58°, 82%, 70%
HSV	58°, 51%, 95%
XYZ	69.9437, 80.7044, 29.0783
YIQ	224.6300, 40.5830, -36.1610

Conversions

Conversions Part 2

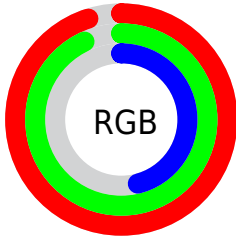
Format	Color
RYB	122, 241, 118
Decimal	15854966
CIELab	92.00, -14.10, 57.41
CIELCh	92, 59.119, 103.803
Yxy	80.7044, 0.3892, 0.4490
Android (android.graphics.Color)	4294045046 (0xFFFF1ED76)
YUV	224.6300, -52.5686, 14.3565
Hunter-Lab	89.8356, -18.2368, 43.6938

Details

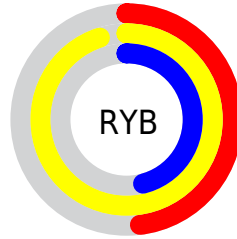
The CIELCh color **92, 59.119, 103.803** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **56, 67.745, 296.604**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **72, 59.180, 103.482** is the 20% darker color. If you saturate the color by 10%, you get **92, 69.186, 102.926**, and if you desaturate by 10%, it is **92, 48.197, 104.754**.

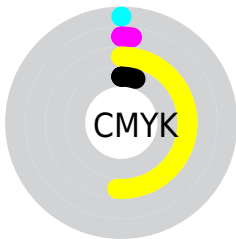
Distribution



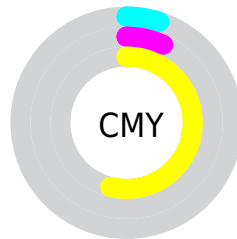
- Red (95%)
- Green (93%)
- Blue (46%)



- Red (48%)
- Yellow (95%)
- Blue (46%)



- Cyan (0%)
- Magenta (2%)
- Yellow (51%)
- Black (5%)





- Cyan (5%)
- Magenta (7%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 59.119, 103.803 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 92, 59.119, 103.803 by changing the saturation by 10% instead.


 92, 59.119,
103.803


 92, 59.119,
103.803


 100, 59.119,
103.803


 82, 59.119,
103.803

 72, 59.119,
103.803

 62, 59.119,
103.803

 52, 59.119,
103.803

 42, 59.119,
103.803

 32, 59.119,
103.803

 22, 59.119,

103.803

■ 12, 59.119,
103.803

■ 2, 59.119, 103.803

■ 92, 59.119,
103.803

■ 92, 59.119,
103.803

■ 92, 69.186,
102.926

■ 92, 48.197,
104.754

■ 91, 77.903,
102.150

■ 93, 36.759,
105.743

■ 91, 84.659,
101.511

■ 94, 25.028,
106.750

■ 91, 88.900,
101.034

■ 94, 13.143,
107.754

90, 90.666,
100.728

95, 1.193, 108.680

96, 6.740, 288.641

96, 6.346, 286.039

96, 5.967, 283.103

96, 5.606, 279.784

Harmonies

Complementary

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



92, 59.119, 103.803



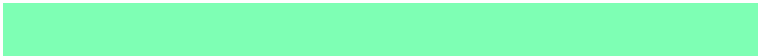
56, 67.745, 296.604

Rectangle

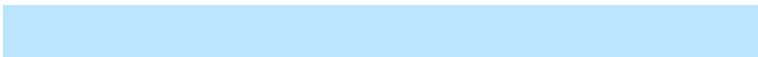
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 59.119, 103.803



92, 59.119, 153.803



92, 59.119, 283.803



92, 59.119, 333.803

Sweetspot

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



92, 59.120, 103.806



99, 18.728, 107.350



64, 51.716, 23.048



53, 12.771, 107.137



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 59.120, 103.806



96, 72.343, 102.912



89, 65.190, 125.502



50, 6.752, 107.907



71, 73.926, 100.765



22, 31.064, 101.537

Inverse Universe

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



56, 67.745, 296.604



52, 86.402, 298.892



60, 70.839, 310.665



46, 6.895, 289.866



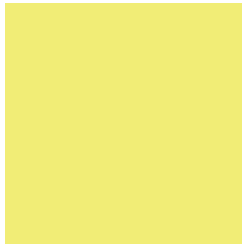
22, 103.067, 305.893



3, 36.952, 298.188

Previews

White Background



This preview shows how the CIELCh color 92, 59.119, 103.803 looks on a white background.

Color Contrast Check

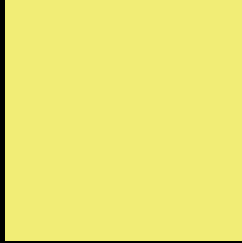
Large Text (above 18pt) WCAG AA × Fail

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 92, 59.119, 103.803 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 92, 59.119, 103.803

Background



This preview shows how black text looks on a background with the CIELCh color 92, 59.119, 103.803.



This preview shows how white text looks on a background with the CIELCh color 92, 59.119, 103.803.

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
92, 59.119, 103.803

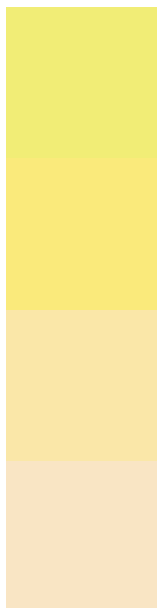
Protanopia
92, 54.196, 95.712

Deuteranopia
92, 19.514, 76.865



Tritanopia
92, 13.864, 341.136

Trichromacy



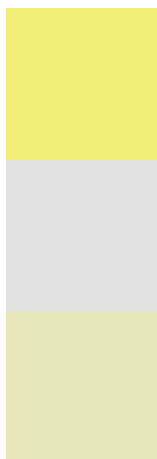
Original Color
92, 59.119, 103.803

Protanomaly
92, 55.965, 98.874

Deuteranomaly
92, 33.162, 94.438

Tritanomaly
92, 18.654, 84.666

Monochromacy



Original Color
92, 59.119, 103.803

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 22.164, 106.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 59.119, 103.803 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(241, 237, 118)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 118)  
}
```

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(241, 237, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 59.119, 103.803 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(241, 237, 118) }
```

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

```
.border{ border-color:rgb(241, 237, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 118);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 59.119, 103.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 118) }
```

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

```
.background{ background-color: rgb(241,  
237, 118) }
```

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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