

Converting Colors

CIELCh(92, 60.543, 109.178)

Have a look what the booklet for
CIELCh(92, 60.543, 109.178)
contains.

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Color

CIELCh(92, 60.502, 109.204)

Conversions

Conversions Part 1

Format	Color
Hex	E6F076
RGB	230, 240, 118
RGB Percent	90%, 94%, 46%
CMY	0.0967, 0.0575, 0.5360
CMYK	0.04, 0.00, 0.51, 0.06
HSL	65°, 81%, 70%
HSV	65°, 51%, 94%
XYZ	67.2839, 80.7044, 29.2659
YIQ	223.1020, 33.2020, -40.0620

Conversions

Conversions Part 2

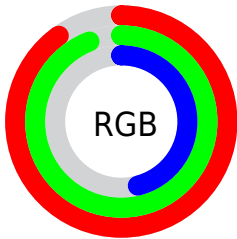
Format	Color
R_{YB}	118, 240, 128
Decimal	15134838
CIE _{Lab}	92.00, -19.90, 57.14
CIE _{LCh}	92, 60.502, 109.204
Yxy	80.7044, 0.3796, 0.4553
Android (android.graphics.Color)	4293324918 (0xFFE6F076)
YUV	223.1020, -51.8153, 6.0495
Hunter-Lab	89.8356, -23.5218, 43.5699

Details

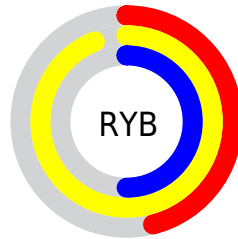
The CIELCh color **92, 60.502, 109.204** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **56, 69.604, 299.750**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **72, 60.616, 109.235** is the 20% darker color. If you saturate the color by 10%, you get **92, 70.784, 108.543**, and if you desaturate by 10%, it is **92, 49.326, 109.970**.

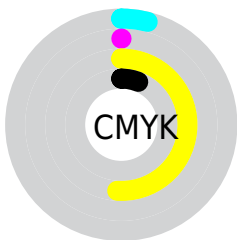
Distribution



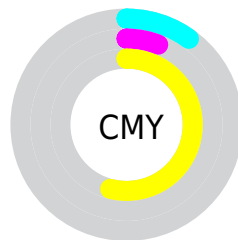
- Red (90%)
- Green (94%)
- Blue (46%)



- Red (46%)
- Yellow (94%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)
- Black (6%)





- Cyan (10%)
- Magenta (6%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 60.502, 109.204 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, 60.502, 109.204 by changing the saturation by 10% instead.


 92, 60.502,
109.204


 92, 60.502,
109.204


 100, 60.502,
109.204


 82, 60.502,
109.204

 72, 60.502,
109.204

 62, 60.502,
109.204

 52, 60.502,
109.204

 42, 60.502,
109.204

 32, 60.502,
109.204

 22, 60.502,

109.204

■ 12, 60.502,
109.204

■ 2, 60.502, 109.204

■ 92, 60.502,
109.204

■ 92, 60.502,
109.204

■ 92, 70.784,
108.543

■ 92, 49.326,
109.970

■ 91, 79.687,
108.034

■ 93, 37.592,
110.792

■ 91, 86.626,
107.745

■ 94, 25.528,
111.640

■ 91, 91.090,
107.734

■ 94, 13.280,
112.492

■ 91, 93.128,
107.959

■ 95, 0.944, 113.295

■ 95, 7.575, 295.506

■ 96, 7.669, 300.573

■ 96, 7.822, 305.498

■ 96, 8.029, 310.219

Harmonies

Complementary

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



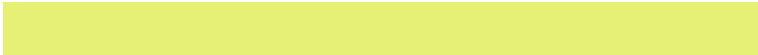
92, 60.502, 109.204



56, 69.604, 299.750

Rectangle

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



92, 60.502, 109.204



92, 60.502, 159.204



92, 60.502, 289.204



92, 60.502, 339.204

Sweetspot

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



92, 60.503, 109.206



99, 19.382, 112.128



66, 49.284, 29.644



53, 13.214, 111.948



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, 60.503, 109.206



97, 74.457, 108.518



88, 66.543, 129.009



50, 6.991, 112.601



71, 76.091, 107.875



22, 32.017, 107.830

Inverse Universe

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



56, 69.604, 299.750



51, 89.232, 301.594



62, 70.835, 313.715



46, 7.147, 294.251



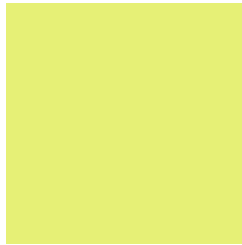
22, 104.121, 306.543



3, 38.017, 300.662

Previews

White Background



This preview shows how the CIELCh color 92, 60.502, 109.204 looks on a white background.

Color Contrast Check

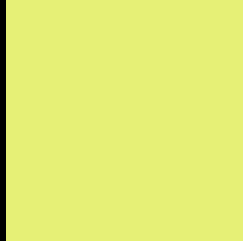
Large Text (above 18pt) WCAG AA × Fail

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, 60.502, 109.204 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, 60.502, 109.204

Background



This preview shows how black text looks on a background with the CIELCh color 92, 60.502, 109.204.



This preview shows how white text looks on a background with the CIELCh color 92, 60.502, 109.204.

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, 60.502, 109.204

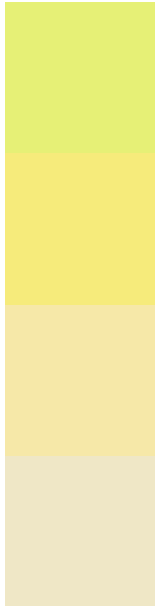
Protanopia
92, 54.658, 95.752

Deuteranopia
92, 19.305, 75.154



Tritanopia
92, 11.325, 324.822

Trichromacy



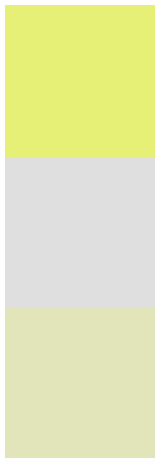
Original Color
92, 60.502, 109.204

Protanomaly
92, 56.163, 101.002

Deuteranomaly
92, 33.221, 97.933

Tritanomaly
91, 17.250, 98.714

Monochromacy



Original Color
92, 60.502, 109.204

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 22.706, 111.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 60.502, 109.204 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(230, 240, 118)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 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(230, 240, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 60.502, 109.204 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(230, 240, 118) }
```

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

```
.border{ border-color:rgb(230, 240, 118) }
```

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

Here you see how a box with a 4 pixel rgb(230, 240, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 118);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 60.502, 109.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 118) }
```

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

```
.background{ background-color: rgb(230,  
240, 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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