

Converting Colors

CIELCh(92, 58.690, 114.749)

Have a look what the booklet for
CIELCh(92, 58.690, 114.749)
contains.

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Color

CIELCh(92, 58.809, 114.601)

Conversions

Conversions Part 1

Format	Color
Hex	DCF37E
RGB	220, 243, 126
RGB Percent	86%, 95%, 49%
CMY	0.1379, 0.0476, 0.5064
CMYK	0.09, 0.00, 0.48, 0.05
HSL	72°, 83%, 72%
HSV	72°, 48%, 95%
XYZ	65.2301, 80.7044, 31.8300
YIQ	222.7850, 23.8490, -41.2630

Conversions

Conversions Part 2

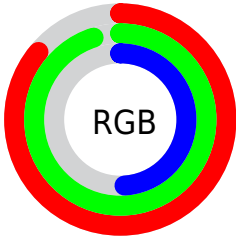
Format	Color
R_{YB}	126, 243, 149
Decimal	14480254
CIE _{Lab}	92.00, -24.48, 53.47
CIE _{LCh}	92, 58.809, 114.601
Yxy	80.7044, 0.3669, 0.4540
Android (android.graphics.Color)	4292670334 (0xFFDC37E)
YUV	222.7850, -47.7150, -2.4424
Hunter-Lab	89.8356, -27.6026, 41.8777

Details

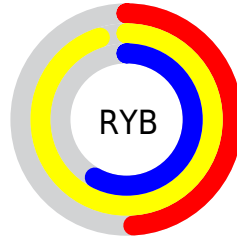
The CIELCh color **92, 58.809, 114.601** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **60, 66.352, 302.474**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **72, 58.866, 114.635** is the 20% darker color. If you saturate the color by 10%, you get **91, 69.629, 114.080**, and if you desaturate by 10%, it is **93, 47.208, 115.229**.

Distribution



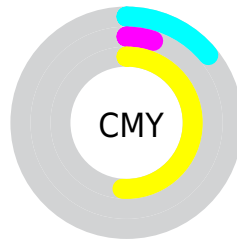
- Red (86%)
- Green (95%)
- Blue (49%)



- Red (49%)
- Yellow (95%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 58.809, 114.601 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, 58.809, 114.601 by changing the saturation by 10% instead.


 92, 58.809,
114.601


 92, 58.809,
114.601

 100, 58.809,
114.601


 82, 58.809,
114.601

 72, 58.809,
114.601

 62, 58.809,
114.601

 52, 58.809,
114.601

 42, 58.809,
114.601

 32, 58.809,
114.601

 22, 58.809,

114.601

■ 12, 58.809,
114.601

■ 2, 58.809, 114.601

■ 92, 58.809,
114.601

■ 92, 58.809,
114.601

■ 91, 69.629,
114.080

■ 93, 47.208,
115.229

■ 91, 79.225,
113.730

■ 93, 35.126,
115.909

■ 90, 87.036,
113.640

■ 94, 22.765,
116.610

■ 90, 92.499,
113.905

■ 95, 10.258,
117.308

■ 90, 95.440,
114.568

■ 96, 2.306, 297.983

■ 90, 95.846,
114.708

■ 97, 6.555, 308.036

■ 97, 7.243, 320.710

■ 97, 7.567, 324.664

Harmonies

Complementary

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



92, 58.809, 114.601



60, 66.352, 302.474

Rectangle

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



92, 58.809, 114.601



92, 58.809, 164.601



92, 58.809, 294.601



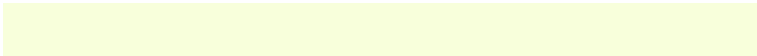
92, 58.809, 344.601

Sweetspot

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



92, 58.810, 114.603



99, 18.264, 116.900



71, 43.043, 38.336



52, 12.602, 116.748



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, 58.810, 114.603



95, 72.226, 114.081



89, 66.118, 132.782



51, 7.178, 117.217



71, 78.448, 114.528



23, 33.752, 113.749

Inverse Universe

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



60, 66.352, 302.474



55, 84.281, 303.747



65, 68.682, 317.244



47, 7.329, 298.551



23, 104.093, 307.227



3, 40.497, 304.160

Previews

White Background



This preview shows how the CIELCh color 92, 58.809, 114.601 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, 58.809, 114.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

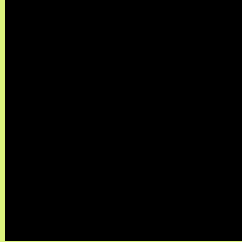
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 58.809, 114.601

Background



This preview shows how black text looks on a background with the CIELCh color 92, 58.809, 114.601.

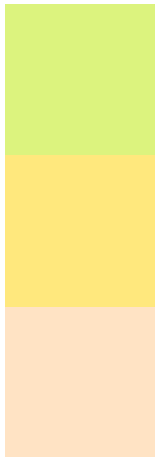


This preview shows how white text looks on a background with the CIELCh color 92, 58.809, 114.601.

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, 58.809, 114.601

Protanopia

92, 54.658, 95.752

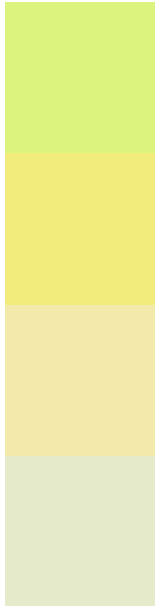
Deuteranopia

92, 19.305, 75.154



Tritanopia
92, 9.514, 301.406

Trichromacy



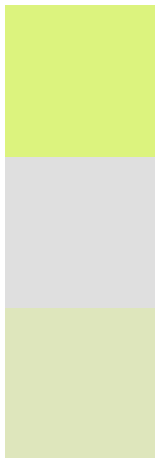
Original Color
92, 58.809, 114.601

Protanomaly
92, 55.525, 103.140

Deuteranomaly
92, 32.412, 101.297

Tritanomaly
92, 16.065, 115.529

Monochromacy



Original Color
92, 58.809, 114.601

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 21.871, 116.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 58.809, 114.601 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, 243, 126)` looks like.

```
.text, #text, p{  
    color:rgb(220, 243, 126)  
}
```

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, 243, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 243, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 58.809, 114.601 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, 243, 126) }
```

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

```
.border{ border-color:rgb(220, 243, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 243, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 243, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 243, 126); box-shadow:4px 4px 4px 4px rgb(220, 243, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 58.809, 114.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 243, 126) }
```

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

```
.background{ background-color: rgb(220,  
243, 126) }
```

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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