

Converting Colors

CIELCh(92, 40.665, 94.825)

Have a look what the booklet for
CIELCh(92, 40.665, 94.825) contains.

CIELCh(92, 40.678, 94.944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 40.678, 94.944)

Conversions

Conversions Part 1

Format	Color
Hex	FDE89A
RGB	253, 232, 154
RGB Percent	99%, 91%, 60%
CMY	0.0090, 0.0913, 0.3971
CMYK	0.00, 0.08, 0.39, 0.01
HSL	47°, 96%, 80%
HSV	47°, 39%, 99%
XYZ	74.9871, 80.7044, 42.0796
YIQ	229.3870, 37.5540, -19.8060

Conversions

Conversions Part 2

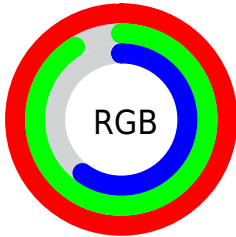
Format	Color
R _Y B	181, 253, 154
Decimal	16640154
CIE Lab	92.00, -3.51, 40.53
CIE LCh	92, 40.678, 94.944
Yxy	80.7044, 0.3792, 0.4081
Android (android.graphics.Color)	4294830234 (0xFFFDE89A)
YUV	229.3870, -37.1658, 20.7086
Hunter-Lab	89.8356, -8.2157, 35.1131

Details

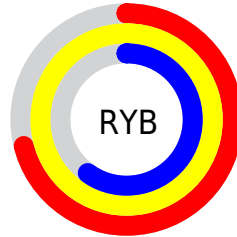
The CIELCh color **92, 40.678, 94.944** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **73, 42.598, 285.790**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **72, 40.680, 95.180** is the 20% darker color. If you saturate the color by 10%, you get **90, 50.899, 93.678**, and if you desaturate by 10%, it is **94, 30.276, 96.197**.

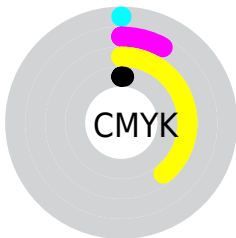
Distribution



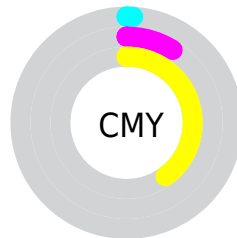
- Red (99%)
- Green (91%)
- Blue (60%)



- Red (71%)
- Yellow (99%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 40.678, 94.944 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, 40.678, 94.944 by changing the saturation by 10% instead.

 92, 40.678, 94.944

 92, 40.678, 94.944

 100, 40.678,
94.944

 82, 40.678, 94.944

 72, 40.678, 94.944

 62, 40.678, 94.944

 52, 40.678, 94.944

 42, 40.678, 94.944

 32, 40.678, 94.944

 22, 40.678, 94.944

 12, 40.678, 94.944

 2, 40.678, 94.944

■ 92, 40.678, 94.944

■ 92, 40.678, 94.944

■ 90, 50.899, 93.678

■ 94, 30.276, 96.197

■ 89, 60.679, 92.390

■ 96, 19.836, 97.417

■ 87, 69.586, 91.076

■ 97, 9.441, 98.596

■ 86, 76.957, 89.713

■ 99, 0.868, 279.993

■ 84, 81.961, 88.245

100, 0.798,
200.185

■ 83, 84.154, 86.602

■ 83, 84.286, 86.462

Harmonies

Complementary

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



92, 40.678, 94.944



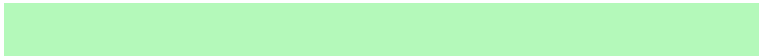
73, 42.598, 285.790

Rectangle

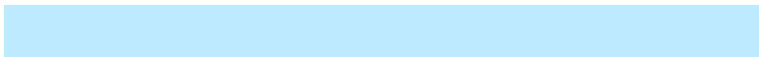
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 40.678, 94.944



92, 40.678, 144.944



92, 40.678, 274.944



92, 40.678, 324.944

Sweetspot

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



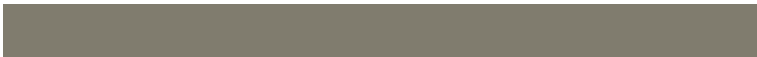
92, 40.679, 94.948



98, 12.472, 98.266



74, 39.792, 6.875



52, 8.278, 98.113



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

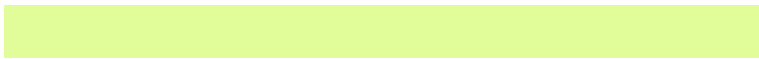
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 40.679, 94.948



91, 49.071, 93.952



95, 50.627, 118.831



52, 5.901, 98.556



64, 68.456, 86.778



22, 30.212, 88.942

Inverse Universe

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



73, 42.598, 285.790



68, 52.155, 287.529



69, 55.115, 304.123



49, 5.965, 280.851



28, 93.222, 302.101



6, 37.200, 297.242

Previews

White Background



This preview shows how the CIE LCh color 92, 40.678, 94.944 looks on a white background.

Color Contrast Check

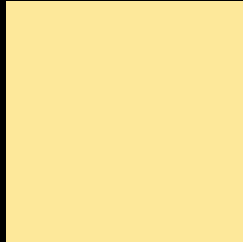
Large Text (above 18pt) WCAG AA × Fail

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, 40.678, 94.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

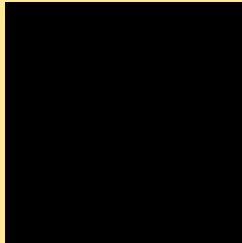
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 40.678, 94.944

Background



This preview shows how black text looks on a background with the CIELCh color 92, 40.678, 94.944.



This preview shows how white text looks on a background with the CIELCh color 92, 40.678, 94.944.

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](#).

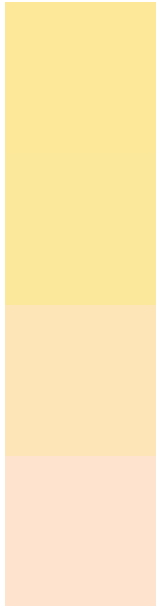
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



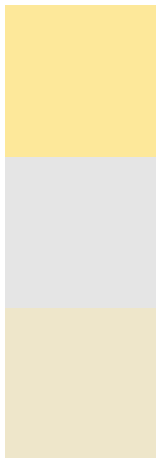
Original Color
92, 40.678, 94.944

Protanomaly
92, 40.589, 95.502

Deuteranomaly
92, 25.167, 85.567

Tritanomaly
92, 14.508, 64.894

Monochromacy



Original Color
92, 40.678, 94.944

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 14.733, 97.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 40.678, 94.944 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(253, 232, 154)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 154)  
}
```

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(253, 232, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 40.678, 94.944 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(253, 232, 154) }
```

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

```
.border{ border-color:rgb(253, 232, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 154);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 40.678, 94.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 154) }
```

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

```
.background{ background-color: rgb(253,  
232, 154) }
```

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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