

Converting Colors

CIELCh(92, 49.229, 94.208)

Have a look what the booklet for
CIELCh(92, 49.229, 94.208) contains.

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Color

CIELCh(92, 49.157, 94.681)

Conversions

Conversions Part 1

Format	Color
Hex	FFE889
RGB	255, 232, 137
RGB Percent	100%, 91%, 54%
CMY	0.0000, 0.0915, 0.4642
CMYK	0.00, 0.09, 0.46, 0.00
HSL	48°, 100%, 77%
HSV	48°, 46%, 100%
XYZ	74.7411, 80.7044, 35.1612
YIQ	228.0470, 44.2030, -24.6690

Conversions

Conversions Part 2

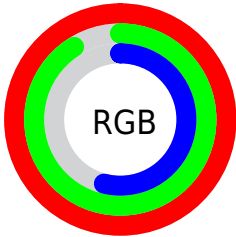
Format	Color
R _Y B	166, 255, 137
Decimal	16771209
CIE Lab	92.00, -4.01, 48.99
CIE LCh	92, 49.157, 94.681
Yxy	80.7044, 0.3921, 0.4234
Android (android.graphics.Color)	4294961289 (0xFFFFE889)
YUV	228.0470, -44.8862, 23.6378
Hunter-Lab	89.8356, -8.7047, 39.6791

Details

The CIELCh color **92, 49.157, 94.681** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **68, 52.455, 288.213**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 31.717, 107.764**, and **72, 49.001, 95.542** is the 20% darker color. If you saturate the color by 10%, you get **90, 59.165, 93.753**, and if you desaturate by 10%, it is **94, 38.636, 96.251**.

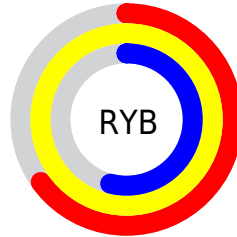
Distribution



Red (100%)

Green (91%)

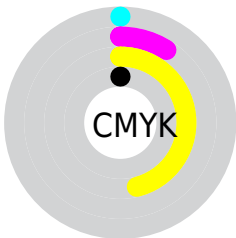
Blue (54%)



Red (65%)

Yellow (100%)

Blue (54%)

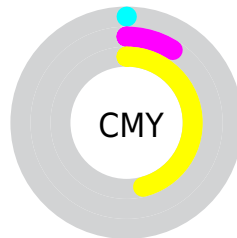


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 49.157, 94.681 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, 49.157, 94.681 by changing the saturation by 10% instead.

 92, 49.157, 94.681

 92, 49.157, 94.681

 100, 49.157,
94.681

 82, 49.157, 94.681

 72, 49.157, 94.681

 62, 49.157, 94.681

 52, 49.157, 94.681

 42, 49.157, 94.681

 32, 49.157, 94.681

 22, 49.157, 94.681

 12, 49.157, 94.681

 2, 49.157, 94.681

■ 92, 49.157, 94.681

■ 92, 49.157, 94.681

■ 90, 59.165, 93.753

■ 94, 38.636, 96.251

■ 89, 68.455, 92.484

■ 95, 28.015, 97.473

■ 87, 76.358, 91.189

■ 97, 17.365, 98.668

■ 86, 82.071, 89.830

■ 99, 6.760, 99.817

■ 85, 84.889, 88.340

100, 0.012,
296.813

■ 84, 85.411, 87.780

Harmonies

Complementary

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



92, 49.157, 94.681



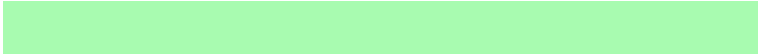
68, 52.455, 288.213

Rectangle

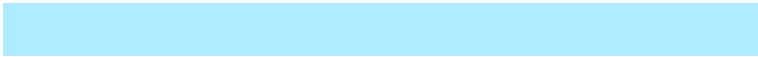
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 49.157, 94.681



92, 49.157, 144.681



92, 49.157, 274.681



92, 49.157, 324.681

Sweetspot

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



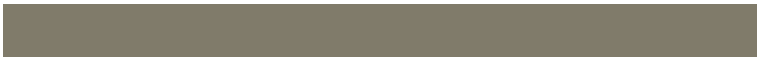
92, 49.096, 95.008



97, 14.789, 98.952



71, 47.853, 9.543



52, 10.218, 98.699



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

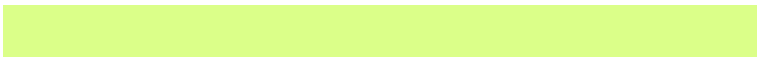
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 49.096, 95.008



90, 58.751, 93.806



95, 60.116, 119.137



52, 5.993, 99.471



65, 68.900, 88.078



22, 30.531, 90.112

Inverse Universe

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



68, 52.455, 288.213



61, 64.338, 290.564



65, 66.584, 305.315



49, 6.065, 281.737



27, 94.750, 302.594



6, 37.756, 297.693

Previews

White Background



This preview shows how the CIELCh color 92, 49.157, 94.681 looks on a white background.

Color Contrast Check

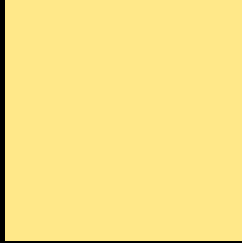
Large Text (above 18pt) WCAG AA × Fail

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, 49.157, 94.681 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, 49.157, 94.681

Background



This preview shows how black text looks on a background with the CIELCh color 92, 49.157, 94.681.



This preview shows how white text looks on a background with the CIELCh color 92, 49.157, 94.681.

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, 49.036, 95.173

Protanopia

92, 48.950, 95.645

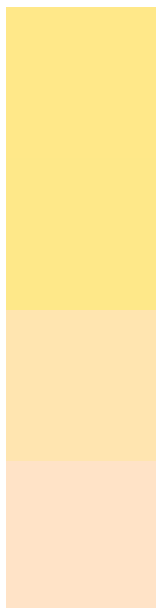
Deuteranopia

92, 18.436, 73.536



Tritanopia
92, 12.530, 353.397

Trichromacy



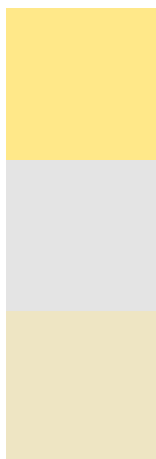
Original Color
92, 49.036, 95.173

Protanomaly
92, 48.950, 95.645

Deuteranomaly
92, 29.161, 87.431

Tritanomaly
92, 18.007, 72.665

Monochromacy



Original Color
92, 49.036, 95.173

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 17.854, 97.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 49.157, 94.681 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(255, 232, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 137)  
}
```

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(255, 232, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 49.157, 94.681 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(255, 232, 137) }
```

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

```
.border{ border-color:rgb(255, 232, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 49.157, 94.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 137) }
```

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

```
.background{ background-color: rgb(255,  
232, 137) }
```

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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