

Converting Colors

CIELCh(92, 49.248, 96.068)

Have a look what the booklet for
CIELCh(92, 49.248, 96.068) contains.

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Color

CIELCh(92, 48.950, 95.645)

Conversions

Conversions Part 1

Format	Color
Hex	FEE889
RGB	254, 232, 137
RGB Percent	100%, 91%, 54%
CMY	0.0033, 0.0896, 0.4622
CMYK	0.00, 0.09, 0.46, 0.00
HSL	49°, 99%, 77%
HSV	49°, 46%, 100%
XYZ	74.3515, 80.7044, 35.3772
YIQ	227.7480, 43.6070, -24.8810

Conversions

Conversions Part 2

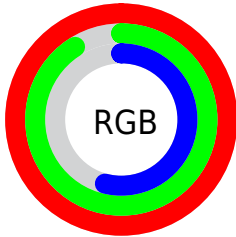
Format	Color
R _Y B	164, 254, 137
Decimal	16705673
CIE Lab	92.00, -4.81, 48.71
CIE LCh	92, 48.950, 95.645
Yxy	80.7044, 0.3904, 0.4238
Android (android.graphics.Color)	4294895753 (0xFFFE889)
YUV	227.7480, -44.7388, 23.0230
Hunter-Lab	89.8356, -9.4788, 39.5366

Details

The CIELCh color **92, 48.950, 95.645** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **68, 52.452, 288.614**, 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, 48.917, 96.049** is the 20% darker color. If you saturate the color by 10%, you get **91, 59.056, 94.412**, and if you desaturate by 10%, it is **94, 38.449, 96.876**.

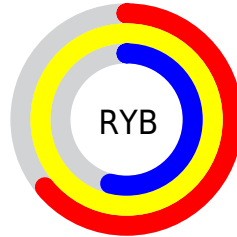
Distribution



Red (100%)

Green (91%)

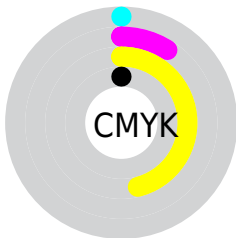
Blue (54%)



Red (64%)

Yellow (100%)

Blue (54%)

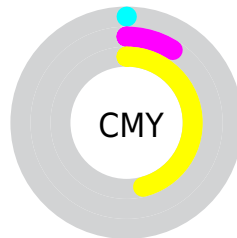


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 48.950, 95.645 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, 48.950, 95.645 by changing the saturation by 10% instead.

 92, 48.950, 95.645

 92, 48.950, 95.645

 100, 48.950,
95.645

 82, 48.950, 95.645

 72, 48.950, 95.645

 62, 48.950, 95.645

 52, 48.950, 95.645

 42, 48.950, 95.645

 32, 48.950, 95.645

 22, 48.950, 95.645

 12, 48.950, 95.645

 2, 48.950, 95.645

92, 48.950, 95.645

92, 48.950, 95.645

91, 59.056, 94.412

94, 38.449, 96.876

89, 68.378, 93.167

95, 27.778, 98.085

88, 76.321, 91.905

97, 17.070, 99.268

86, 82.093, 90.596

99, 6.399, 100.406

85, 84.993, 89.178

100, 0.294,
201.640

85, 85.560, 88.589

Harmonies

Complementary

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



92, 48.950, 95.645



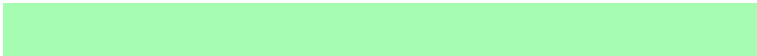
68, 52.452, 288.614

Rectangle

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



92, 48.950, 95.645



92, 48.950, 145.645



92, 48.950, 275.645



92, 48.950, 325.645

Sweetspot

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



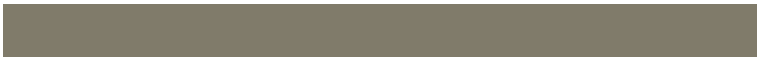
92, 48.951, 95.649



98, 14.928, 99.505



71, 47.311, 9.461



52, 10.314, 99.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

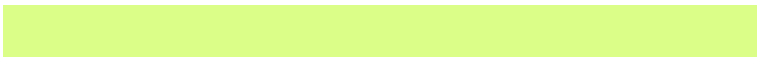
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 48.951, 95.649



91, 58.189, 94.539



95, 59.491, 119.156



52, 6.051, 100.020



65, 69.194, 88.867



22, 30.732, 90.818

Inverse Universe

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



68, 52.452, 288.614



62, 63.834, 290.780



65, 65.821, 305.278



49, 6.127, 282.268



27, 95.658, 302.880



6, 38.086, 297.952

Previews

White Background



This preview shows how the CIE LCh color 92, 48.950, 95.645 looks on a white background.

Color Contrast Check

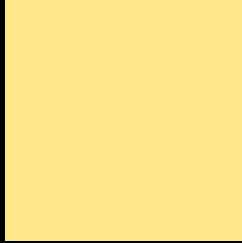
Large Text (above 18pt) WCAG AA × Fail

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, 48.950, 95.645 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, 48.950, 95.645

Background



This preview shows how black text looks on a background with the CIELCh color 92, 48.950, 95.645.



This preview shows how white text looks on a background with the CIELCh color 92, 48.950, 95.645.

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, 48.950, 95.645

Protanopia

92, 48.950, 95.645

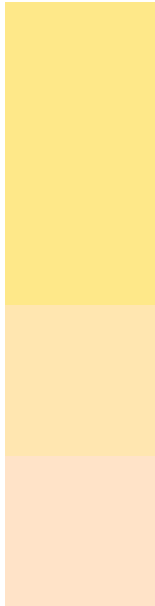
Deuteranopia

92, 18.629, 75.346



Tritanopia
92, 12.760, 351.318

Trichromacy



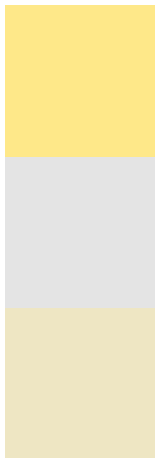
Original Color
92, 48.950, 95.645

Protanomaly
92, 48.950, 95.645

Deuteranomaly
92, 29.478, 88.447

Tritanomaly
92, 17.584, 71.750

Monochromacy



Original Color
92, 48.950, 95.645

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 18.278, 99.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 48.950, 95.645 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(254, 232, 137)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 232, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 48.950, 95.645 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(254, 232, 137) }
```

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

```
.border{ border-color:rgb(254, 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(254, 232, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 137);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 48.950, 95.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 137) }
```

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

```
.background{ background-color: rgb(254,  
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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