

Converting Colors

CIELCh(98, 42.211, 54.112)

Have a look what the booklet for
CIELCh(98, 42.211, 54.112) contains.

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Color

CIELCh(92, 25.624, 85.954)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5B7
RGB	254, 229, 183
RGB Percent	100%, 90%, 72%
CMY	0.0031, 0.1010, 0.2813
CMYK	0.00, 0.10, 0.28, 0.00
HSL	39°, 98%, 86%
HSV	39°, 28%, 100%
XYZ	77.6043, 80.7044, 56.4269
YIQ	231.2310, 29.6660, -9.0060

Conversions

Conversions Part 2

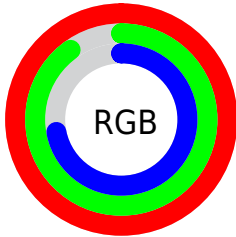
Format	Color
R_{YB}	222, 254, 183
Decimal	16704951
CIE _{Lab}	92.00, 1.81, 25.56
CIE _{LCh}	92, 25.624, 85.954
Y _{xy}	80.7044, 0.3614, 0.3758
Android (android.graphics.Color)	4294895031 (0xFFFE5B7)
Y _{UV}	231.2310, -23.7779, 19.9684
Hunter-Lab	89.8356, -3.0155, 25.6442

Details

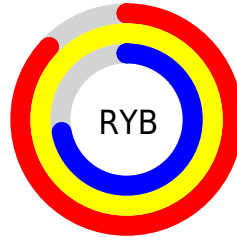
The CIELCh color **92, 25.624, 85.954** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.295, 273.944**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **72, 25.722, 85.921** is the 20% darker color. If you saturate the color by 10%, you get **89, 35.179, 84.581**, and if you desaturate by 10%, it is **95, 16.250, 87.296**.

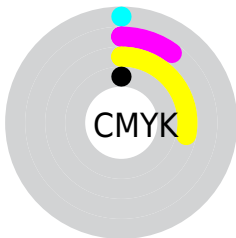
Distribution



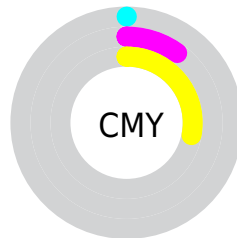
- Red (100%)
- Green (90%)
- Blue (72%)



- Red (87%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 25.624, 85.954 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, 25.624, 85.954 by changing the saturation by 10% instead.

 92, 25.624, 85.954

 92, 25.624, 85.954

 100, 25.624,
85.954

 82, 25.624, 85.954

 72, 25.624, 85.954

 62, 25.624, 85.954

 52, 25.624, 85.954

 42, 25.624, 85.954

 32, 25.624, 85.954

 22, 25.624, 85.954

 12, 25.624, 85.954

 2, 25.624, 85.954

92, 25.624, 85.954

92, 25.624, 85.954

89, 35.179, 84.581

95, 16.250, 87.296

87, 44.832, 83.159

97, 7.086, 88.572

84, 54.418, 81.682

100, 0.276,
201.788

82, 63.610, 80.117

80, 71.826, 78.390

77, 78.163, 76.352

75, 81.737, 73.799

75, 82.307, 73.237

Harmonies

Complementary

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



92, 25.624, 85.954



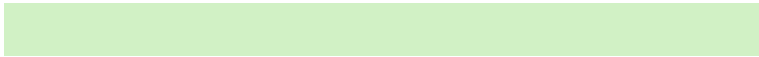
83, 25.295, 273.944

Rectangle

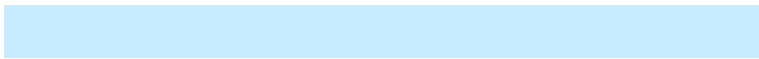
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 25.624, 85.954



92, 25.624, 135.954



92, 25.624, 265.954



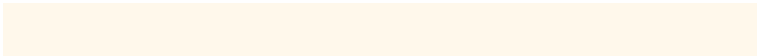
92, 25.624, 315.954

Sweetspot

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



92, 25.625, 85.961



98, 7.186, 88.560



82, 29.532, 354.462



52, 5.117, 88.374



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

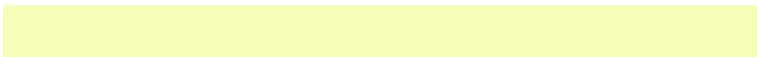
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 25.625, 85.961



91, 30.547, 85.263



98, 35.879, 113.240



52, 5.117, 88.374



58, 66.445, 73.809



19, 27.860, 76.566

Inverse Universe

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



83, 25.295, 273.944



80, 30.088, 274.960



78, 38.309, 298.050



50, 5.105, 270.910



34, 76.647, 295.621



9, 30.741, 290.320

Previews

White Background



This preview shows how the CIE LCh color 92, 25.624, 85.954 looks on a white background.

Color Contrast Check

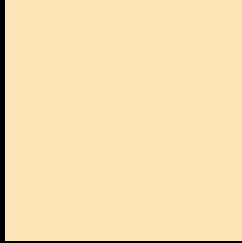
Large Text (above 18pt) WCAG AA × Fail

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, 25.624, 85.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

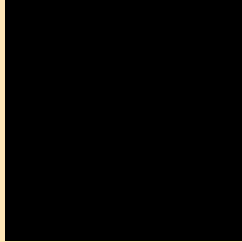
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 25.624, 85.954

Background



This preview shows how black text looks on a background with the CIELCh color 92, 25.624, 85.954.



This preview shows how white text looks on a background with the CIELCh color 92, 25.624, 85.954.

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, 25.646, 85.940

Protanopia

92, 25.324, 94.928

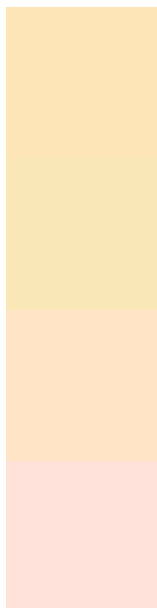
Deuteranopia

92, 14.782, 63.850



Tritanopia
92, 13.269, 347.394

Trichromacy



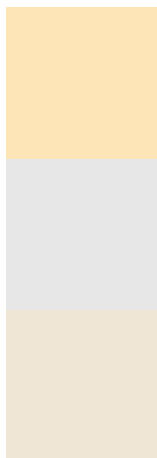
Original Color
92, 25.646, 85.940

Protanomaly
92, 25.269, 91.264

Deuteranomaly
92, 18.629, 75.346

Tritanomaly
92, 11.502, 40.963

Monochromacy



Original Color
92, 25.646, 85.940

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.876, 87.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 25.624, 85.954 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, 229, 183)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 183)  
}
```

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, 229, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 25.624, 85.954 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, 229, 183) }
```

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

```
.border{ border-color:rgb(254, 229, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 229, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 183);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 25.624, 85.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 183) }
```

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

```
.background{ background-color: rgb(254,  
229, 183) }
```

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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