

Converting Colors

CIELCh(95, 26.186, 52.309)

Have a look what the booklet for
CIELCh(95, 26.186, 52.309) contains.

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Color

CIELCh(92, 17.086, 73.804)

Conversions

Conversions Part 1

Format	Color
Hex	FEE4C9
RGB	254, 228, 201
RGB Percent	100%, 89%, 79%
CMY	0.0044, 0.1062, 0.2120
CMYK	0.00, 0.10, 0.21, 0.00
HSL	31°, 96%, 89%
HSV	31°, 21%, 100%
XYZ	79.0872, 80.7044, 66.6309
YIQ	232.6960, 24.1630, -2.8850

Conversions

Conversions Part 2

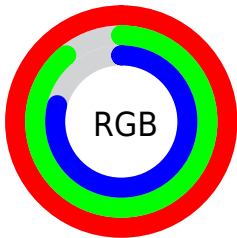
Format	Color
R _Y B	252, 254, 201
Decimal	16704713
CIE Lab	92.00, 4.77, 16.41
CIE LCh	92, 17.086, 73.804
Yxy	80.7044, 0.3493, 0.3564
Android (android.graphics.Color)	4294894793 (0xFFFE4C9)
YUV	232.6960, -15.6261, 18.6836
Hunter-Lab	89.8356, -0.0691, 18.9097

Details

The CIELCh color **92, 17.086, 73.804** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.213, 259.532**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.189, 74.358** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.873, 72.536**, and if you desaturate by 10%, it is **96, 8.690, 75.058**.

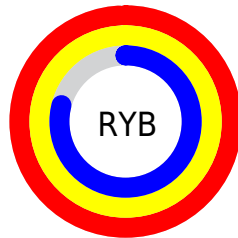
Distribution



Red (100%)

Green (89%)

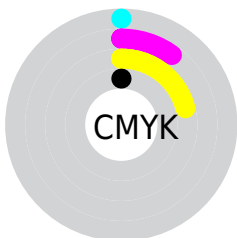
Blue (79%)



Red (99%)

Yellow (100%)

Blue (79%)

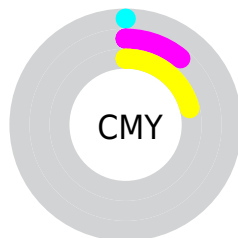


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 17.086, 73.804 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, 17.086, 73.804 by changing the saturation by 10% instead.

 92, 17.086, 73.804

 92, 17.086, 73.804

 100, 17.086,
73.804

 82, 17.086, 73.804

 72, 17.086, 73.804

 62, 17.086, 73.804

 52, 17.086, 73.804

 42, 17.086, 73.804

 32, 17.086, 73.804

 22, 17.086, 73.804

 12, 17.086, 73.804

 2, 17.086, 73.804

92, 17.086, 73.804

92, 17.086, 73.804

88, 25.873, 72.536

96, 8.690, 75.058

85, 35.053, 71.240

99, 0.660, 75.697

82, 44.586, 69.924

100, 0.387,
201.094

78, 54.348, 68.570

75, 64.046, 67.117

72, 73.079, 65.428

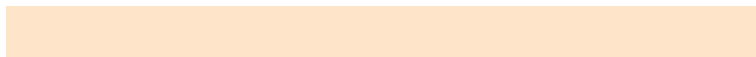
70, 80.411, 63.228

67, 84.960, 60.593

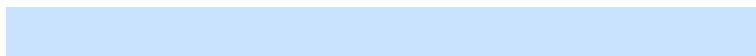
Harmonies

Complementary

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



92, 17.086, 73.804



89, 16.213, 259.532

Rectangle

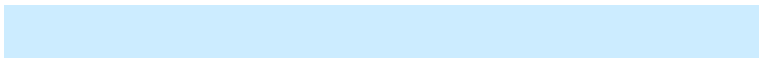
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 17.086, 73.804



92, 17.086, 123.804



92, 17.086, 253.804



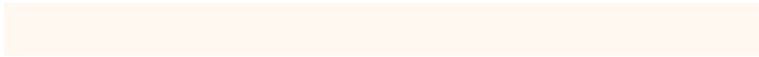
92, 17.086, 303.804

Sweetspot

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



92, 17.087, 73.814



98, 4.766, 75.623



86, 23.606, 345.500



52, 3.166, 75.551



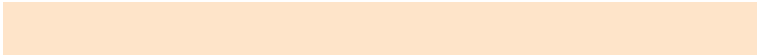
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 17.087, 73.814



91, 20.756, 73.286



98, 26.728, 108.142



51, 4.554, 75.220



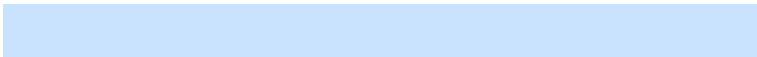
52, 68.426, 61.291



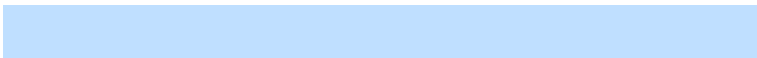
16, 27.009, 62.789

Inverse Universe

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



89, 16.213, 259.532



87, 19.463, 260.277



83, 28.067, 292.577



51, 4.460, 257.769



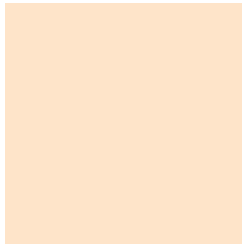
41, 59.441, 285.117



12, 24.149, 278.639

Previews

White Background



This preview shows how the CIE LCh color 92, 17.086, 73.804 looks on a white background.

Color Contrast Check

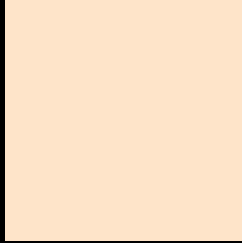
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 17.086, 73.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

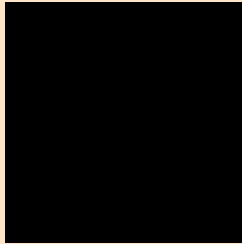
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 17.086, 73.804

Background



This preview shows how black text looks on a background with the CIELCh color 92, 17.086, 73.804.

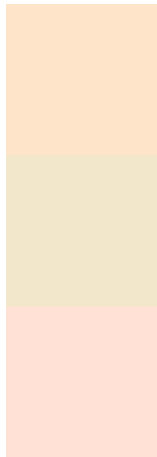


This preview shows how white text looks on a background with the CIELCh color 92, 17.086, 73.804.

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, 17.102, 73.794

Protanopia

92, 15.100, 91.637

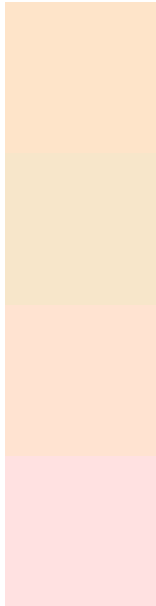
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.547, 345.549

Trichromacy



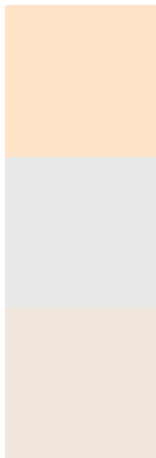
Original Color
92, 17.102, 73.794

Protanomaly
92, 15.790, 85.036

Deuteranomaly
92, 14.050, 61.011

Tritanomaly
92, 10.970, 20.126

Monochromacy



Original Color
92, 17.102, 73.794

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.291, 74.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 17.086, 73.804 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, 228, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 201)  
}
```

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, 228, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 17.086, 73.804 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, 228, 201) }
```

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

```
.border{ border-color:rgb(254, 228, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 17.086, 73.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 201) }
```

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

```
.background{ background-color: rgb(254,  
228, 201) }
```

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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