

Converting Colors

CIELCh(92, 27.071, 87.109)

Have a look what the booklet for
CIELCh(92, 27.071, 87.109) contains.

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Color

CIELCh(92, 27.087, 86.970)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5B4
RGB	254, 229, 180
RGB Percent	100%, 90%, 71%
CMY	0.0024, 0.1004, 0.2927
CMYK	0.00, 0.10, 0.29, 0.00
HSL	40°, 98%, 85%
HSV	40°, 29%, 100%
XYZ	77.4171, 80.7044, 54.8724
YIQ	230.8890, 30.6290, -9.9390

Conversions

Conversions Part 2

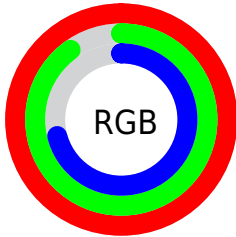
Format	Color
R _Y B	218, 254, 180
Decimal	16704948
CIE Lab	92.00, 1.43, 27.05
CIE LCh	92, 27.087, 86.970
Yxy	80.7044, 0.3635, 0.3789
Android (android.graphics.Color)	4294895028 (0xFFFE5B4)
YUV	230.8890, -25.0883, 20.2683
Hunter-Lab	89.8356, -3.3875, 26.6701

Details

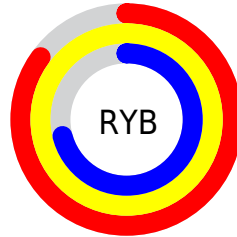
The CIELCh color **92, 27.087, 86.970** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 26.868, 275.299**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **72, 27.078, 87.757** is the 20% darker color. If you saturate the color by 10%, you get **89, 36.736, 85.599**, and if you desaturate by 10%, it is **95, 17.590, 88.311**.

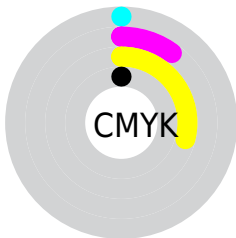
Distribution



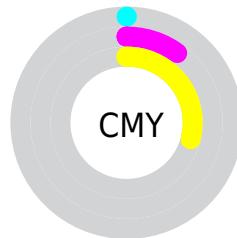
- Red (100%)
- Green (90%)
- Blue (71%)



- Red (85%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 27.087, 86.970 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, 27.087, 86.970 by changing the saturation by 10% instead.

 92, 27.087, 86.970

 92, 27.087, 86.970

 100, 27.087,
86.970

 82, 27.087, 86.970

 72, 27.087, 86.970

 62, 27.087, 86.970

 52, 27.087, 86.970

 42, 27.087, 86.970

 32, 27.087, 86.970

 22, 27.087, 86.970

 12, 27.087, 86.970

 2, 27.087, 86.970

92, 27.087, 86.970

92, 27.087, 86.970

89, 36.736, 85.599

95, 17.590, 88.311

87, 46.442, 84.178

97, 8.283, 89.590

85, 56.015, 82.701

100, 0.210,
202.544

82, 65.095, 81.135

80, 73.052, 79.402

78, 78.961, 77.355

76, 82.117, 74.827

76, 82.351, 74.593

Harmonies

Complementary

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



92, 27.087, 86.970



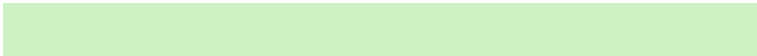
82, 26.868, 275.299

Rectangle

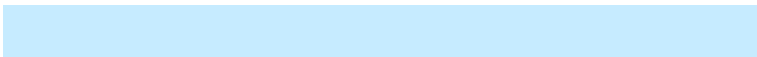
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 27.087, 86.970



92, 27.087, 136.970



92, 27.087, 266.970



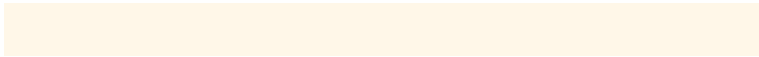
92, 27.087, 316.970

Sweetspot

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



92, 27.088, 86.976



98, 8.208, 89.602



81, 30.611, 355.735



52, 5.714, 89.421



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

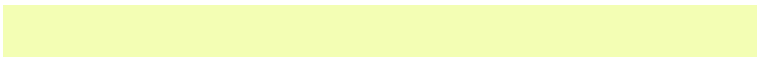
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 27.088, 86.976



91, 32.831, 86.168



97, 37.458, 113.861



52, 5.188, 89.539



58, 66.461, 75.144



19, 28.036, 77.913

Inverse Universe

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



82, 26.868, 275.299



79, 32.530, 276.497



77, 40.096, 298.747



50, 5.184, 272.056



33, 78.425, 296.439



8, 31.457, 291.262

Previews

White Background



This preview shows how the CIE LCh color 92, 27.087, 86.970 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, 27.087, 86.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

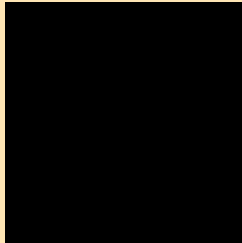
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 27.087, 86.970

Background



This preview shows how black text looks on a background with the CIELCh color 92, 27.087, 86.970.



This preview shows how white text looks on a background with the CIELCh color 92, 27.087, 86.970.

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, 27.087, 86.970

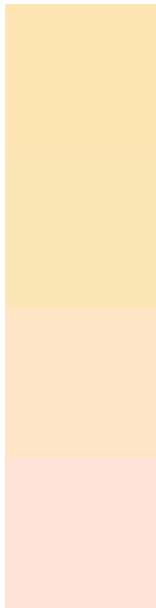
Protanopia
92, 26.819, 95.503

Deuteranopia
92, 15.161, 65.162



Tritanopia
92, 13.007, 349.317

Trichromacy



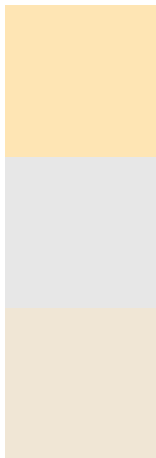
Original Color
92, 27.087, 86.970

Protanomaly
92, 26.745, 92.034

Deuteranomaly
92, 19.070, 76.124

Tritanomaly
92, 11.947, 45.475

Monochromacy



Original Color
92, 27.087, 86.970

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 9.496, 86.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 27.087, 86.970 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 27.087, 86.970 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, 180) }
```

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

```
.border{ border-color:rgb(254, 229, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 27.087, 86.970 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, 180) }
```

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

```
.background{ background-color: rgb(254,  
229, 180) }
```

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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