

Converting Colors

CIELCh(100, 50.187, 49.748)

Have a look what the booklet for
CIELCh(100, 50.187, 49.748)
contains.

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Color

CIELCh(92, 26.583, 86.655)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5B5
RGB	254, 229, 181
RGB Percent	100%, 90%, 71%
CMY	0.0027, 0.1006, 0.2888
CMYK	0.00, 0.10, 0.29, 0.00
HSL	39°, 98%, 85%
HSV	39°, 29%, 100%
XYZ	77.4764, 80.7044, 55.4030
YIQ	231.0030, 30.3080, -9.6280

Conversions

Conversions Part 2

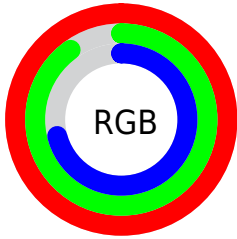
Format	Color
RYB	219, 254, 181
Decimal	16704949
CIELab	92.00, 1.55, 26.54
CIELCh	92, 26.583, 86.655
Yxy	80.7044, 0.3627, 0.3779
Android (android.graphics.Color)	4294895029 (0xFFFE5B5)
YUV	231.0030, -24.6515, 20.1684
Hunter-Lab	89.8356, -3.2696, 26.3199

Details

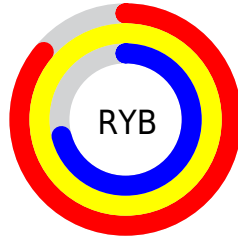
The CIELCh color **92, 26.583, 86.655** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.327, 274.865**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **72, 26.572, 87.449** is the 20% darker color. If you saturate the color by 10%, you get **89, 36.201, 85.283**, and if you desaturate by 10%, it is **95, 17.127, 87.996**.

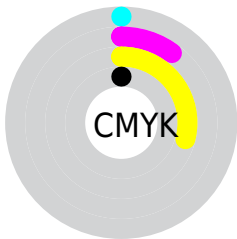
Distribution



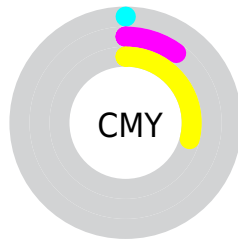
- Red (100%)
- Green (90%)
- Blue (71%)



- Red (86%)
- 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, 26.583, 86.655 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, 26.583, 86.655 by changing the saturation by 10% instead.

 92, 26.583, 86.655

 92, 26.583, 86.655

 100, 26.583,
86.655

 82, 26.583, 86.655

 72, 26.583, 86.655

 62, 26.583, 86.655

 52, 26.583, 86.655

 42, 26.583, 86.655

 32, 26.583, 86.655

 22, 26.583, 86.655

 12, 26.583, 86.655

 2, 26.583, 86.655

92, 26.583, 86.655

92, 26.583, 86.655

89, 36.201, 85.283

95, 17.127, 87.996

87, 45.890, 83.861

97, 7.866, 89.274

84, 55.469, 82.385

100, 0.239,
202.168

82, 64.588, 80.819

80, 72.634, 79.088

78, 78.689, 77.044

76, 81.979, 74.507

75, 82.326, 74.162

Harmonies

Complementary

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



92, 26.583, 86.655



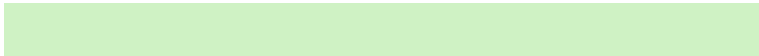
83, 26.327, 274.865

Rectangle

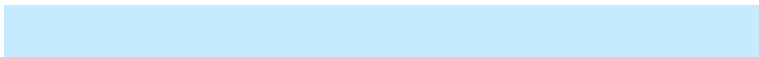
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 26.583, 86.655



92, 26.583, 136.655



92, 26.583, 266.655



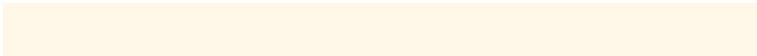
92, 26.583, 316.655

Sweetspot

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



92, 26.584, 86.661



98, 8.172, 89.235



81, 30.155, 355.680



52, 5.689, 89.054



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

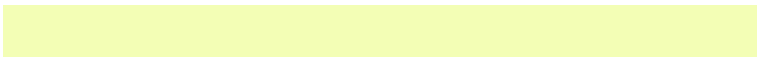
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 26.584, 86.661



91, 31.748, 85.933



97, 36.926, 113.892



52, 5.165, 89.173



58, 66.451, 74.720



19, 27.978, 77.487

Inverse Universe

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



83, 26.327, 274.865



80, 31.398, 275.935



77, 39.484, 298.700



50, 5.159, 271.696



33, 77.861, 296.183



8, 31.229, 290.967

Previews

White Background



This preview shows how the CIE LCh color 92, 26.583, 86.655 looks on a white background.

Color Contrast Check

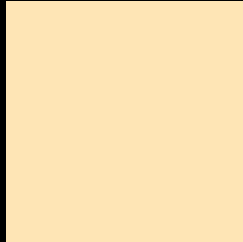
Large Text (above 18pt) WCAG AA × Fail

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, 26.583, 86.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

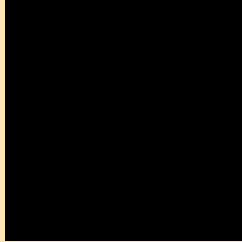
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 26.583, 86.655

Background



This preview shows how black text looks on a background with the CIELCh color 92, 26.583, 86.655.



This preview shows how white text looks on a background with the CIELCh color 92, 26.583, 86.655.

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, 26.605, 86.640

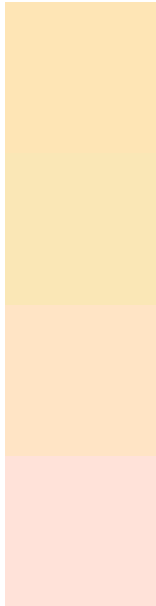
Protanopia
92, 26.320, 95.320

Deuteranopia
92, 15.161, 65.162



Tritanopia
92, 13.007, 349.317

Trichromacy



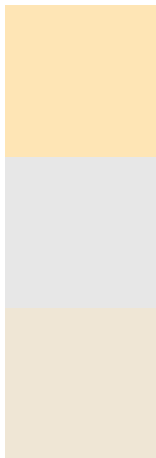
Original Color
92, 26.605, 86.640

Protanomaly
92, 26.253, 91.788

Deuteranomaly
92, 19.070, 76.124

Tritanomaly
92, 11.715, 43.263

Monochromacy



Original Color
92, 26.605, 86.640

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 9.359, 88.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 26.583, 86.655 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 26.583, 86.655 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, 181) }
```

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

```
.border{ border-color:rgb(254, 229, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 229, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 229, 181); box-shadow:4px 4px 4px 4px rgb(254, 229, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 26.583, 86.655 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, 181) }
```

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

```
.background{ background-color: rgb(254,  
229, 181) }
```

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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