

Converting Colors

CIELCh(93, 29.403, 73.464)

Have a look what the booklet for
CIELCh(93, 29.403, 73.464) contains.

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Color

CIELCh(92, 26.465, 84.705)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5B6
RGB	255, 229, 182
RGB Percent	100%, 90%, 71%
CMY	0.0000, 0.1028, 0.2872
CMYK	0.00, 0.10, 0.29, 0.00
HSL	39°, 100%, 86%
HSV	39°, 29%, 100%
XYZ	77.9208, 80.7044, 55.5965
YIQ	231.4160, 30.5830, -9.1050

Conversions

Conversions Part 2

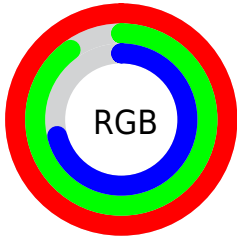
Format	Color
R _Y B	222, 255, 182
Decimal	16770486
CIE Lab	92.00, 2.44, 26.35
CIE LCh	92, 26.465, 84.705
Yxy	80.7044, 0.3637, 0.3767
Android (android.graphics.Color)	4294960566 (0xFFFFE5B6)
YUV	231.4160, -24.3621, 20.6832
Hunter-Lab	89.8356, -2.3867, 26.1922

Details

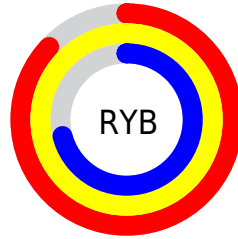
The CIELCh color **92, 26.465, 84.705** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.926, 273.623**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **72, 26.225, 86.271** is the 20% darker color. If you saturate the color by 10%, you get **89, 35.895, 83.966**, and if you desaturate by 10%, it is **95, 16.957, 86.693**.

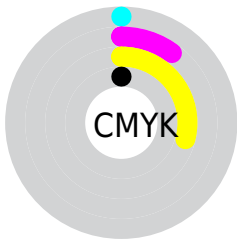
Distribution



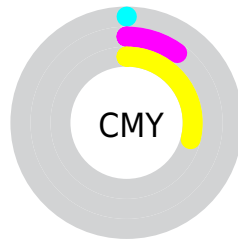
- Red (100%)
- Green (90%)
- Blue (71%)



- Red (87%)
- 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, 26.465, 84.705 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, 26.465, 84.705 by changing the saturation by 10% instead.

 92, 26.465, 84.705

 92, 26.465, 84.705

 100, 26.465,
84.705

 82, 26.465, 84.705

 72, 26.465, 84.705

 62, 26.465, 84.705

 52, 26.465, 84.705

 42, 26.465, 84.705

 32, 26.465, 84.705

 22, 26.465, 84.705

 12, 26.465, 84.705

 2, 26.465, 84.705

92, 26.465, 84.705

92, 26.465, 84.705

89, 35.895, 83.966

95, 16.957, 86.693

87, 45.558, 82.538

98, 7.797, 87.978

84, 55.148, 81.052

100, 0.012,
296.813

82, 64.327, 79.474

79, 72.486, 77.720

77, 78.696, 75.631

75, 82.158, 73.015

75, 82.520, 72.669

Harmonies

Complementary

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



92, 26.465, 84.705



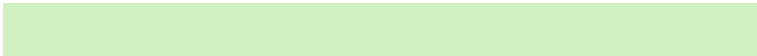
83, 25.926, 273.623

Rectangle

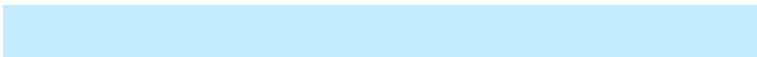
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 26.465, 84.705



92, 26.465, 134.705



92, 26.465, 264.705



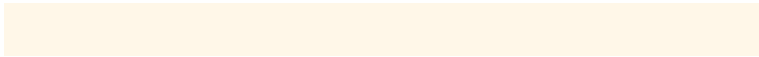
92, 26.465, 314.705

Sweetspot

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



92, 26.334, 85.351



97, 8.050, 87.943



81, 30.494, 354.569



52, 5.605, 87.761



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

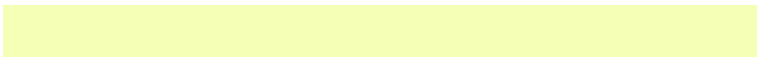
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 26.334, 85.351



91, 31.362, 84.625



98, 36.996, 113.176



52, 5.089, 87.880



57, 66.451, 73.255



19, 27.791, 76.001

Inverse Universe

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



83, 25.926, 273.623



80, 30.795, 274.694



77, 39.589, 298.145



50, 5.073, 270.423



34, 75.906, 295.268



9, 30.445, 289.916

Previews

White Background



This preview shows how the CIE LCh color 92, 26.465, 84.705 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, 26.465, 84.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

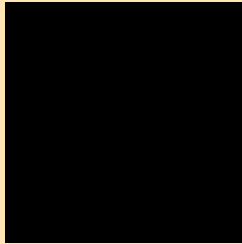
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

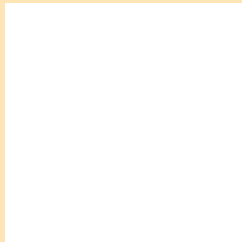
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 26.465, 84.705

Background



This preview shows how black text looks on a background with the CIELCh color 92, 26.465, 84.705.

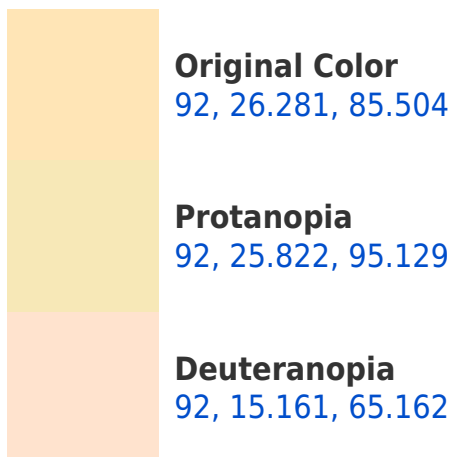


This preview shows how white text looks on a background with the CIELCh color 92, 26.465, 84.705.

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](#).

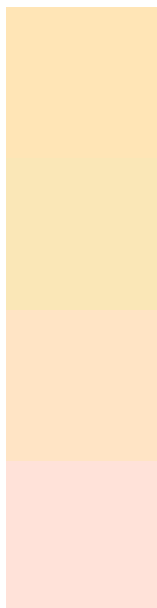
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



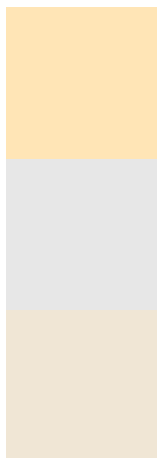
Original Color
92, 26.281, 85.504

Protanomaly
92, 25.761, 91.532

Deuteranomaly
92, 19.070, 76.124

Tritanomaly
92, 11.715, 43.263

Monochromacy



Original Color
92, 26.281, 85.504

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, 26.465, 84.705 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(255, 229, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 182)  
}
```

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(255, 229, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 26.465, 84.705 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(255, 229, 182) }
```

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

```
.border{ border-color:rgb(255, 229, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 26.465, 84.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 182) }
```

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

```
.background{ background-color: rgb(255,  
229, 182) }
```

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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