

Converting Colors

CIELCh(100, 50.400, 47.655)

Have a look what the booklet for
CIELCh(100, 50.400, 47.655)
contains.

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Color

CIELCh(92, 25.043, 83.518)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5B9
RGB	255, 229, 185
RGB Percent	100%, 90%, 73%
CMY	0.0000, 0.1034, 0.2760
CMYK	0.00, 0.10, 0.28, 0.00
HSL	38°, 100%, 86%
HSV	38°, 28%, 100%
XYZ	78.1132, 80.7044, 57.1435
YIQ	231.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

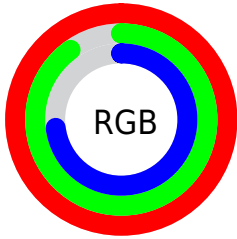
Format	Color
RYB	226, 255, 185
Decimal	16770489
CIELab	92.00, 2.83, 24.88
CIELCh	92, 25.043, 83.518
Yxy	80.7044, 0.3617, 0.3737
Android (android.graphics.Color)	4294960569 (0xFFFFE5B9)
YUV	231.7580, -23.0517, 20.3832
Hunter-Lab	89.8356, -2.0044, 25.1712

Details

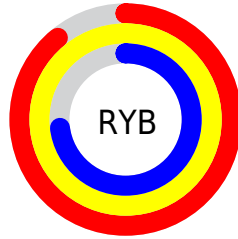
The CIELCh color **92, 25.043, 83.518** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.408, 272.007**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **72, 24.892, 84.286** is the 20% darker color. If you saturate the color by 10%, you get **89, 34.395, 82.673**, and if you desaturate by 10%, it is **95, 15.687, 85.398**.

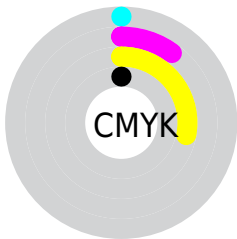
Distribution



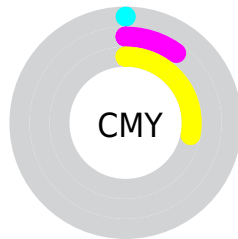
- Red (100%)
- Green (90%)
- Blue (73%)



- Red (89%)
- Yellow (100%)
- Blue (73%)



- 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, 25.043, 83.518 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, 25.043, 83.518 by changing the saturation by 10% instead.

 92, 25.043, 83.518

 92, 25.043, 83.518

 100, 25.043,
83.518

 82, 25.043, 83.518

 72, 25.043, 83.518

 62, 25.043, 83.518

 52, 25.043, 83.518

 42, 25.043, 83.518

 32, 25.043, 83.518

 22, 25.043, 83.518

 12, 25.043, 83.518

 2, 25.043, 83.518

92, 25.043, 83.518

92, 25.043, 83.518

89, 34.395, 82.673

95, 15.687, 85.398

86, 44.004, 81.246

98, 6.679, 86.677

84, 53.609, 79.764

100, 0.012,
296.813

81, 62.904, 78.193

79, 71.328, 76.450

76, 77.979, 74.376

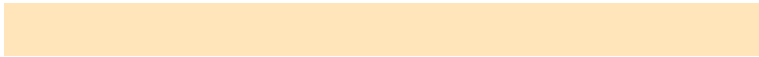
74, 81.901, 71.741

74, 82.620, 71.070

Harmonies

Complementary

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



92, 25.043, 83.518



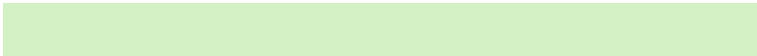
84, 24.408, 272.007

Rectangle

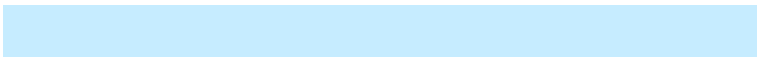
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 25.043, 83.518



92, 25.043, 133.518



92, 25.043, 263.518



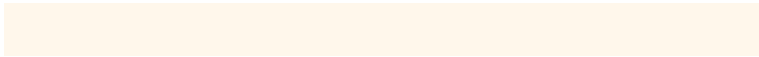
92, 25.043, 313.518

Sweetspot

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



92, 24.933, 84.057



98, 7.032, 86.628



82, 29.513, 353.327



52, 5.009, 86.442



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, 24.933, 84.057



90, 30.016, 83.315



98, 35.536, 112.549



52, 5.009, 86.442



57, 66.507, 71.680



18, 27.611, 74.375

Inverse Universe

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



84, 24.408, 272.007



81, 29.258, 273.092



78, 37.934, 297.453



50, 4.984, 269.003



35, 73.789, 294.225



9, 29.607, 288.727

Previews

White Background



This preview shows how the CIE LCh color 92, 25.043, 83.518 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, 25.043, 83.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

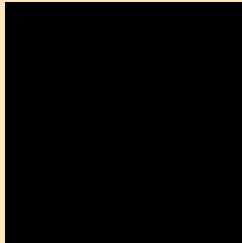
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 25.043, 83.518

Background



This preview shows how black text looks on a background with the CIELCh color 92, 25.043, 83.518.



This preview shows how white text looks on a background with the CIELCh color 92, 25.043, 83.518.

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](#).

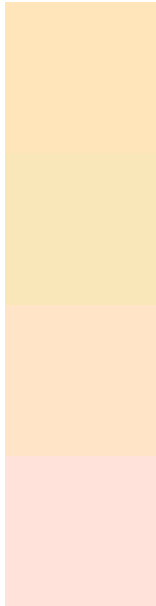
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



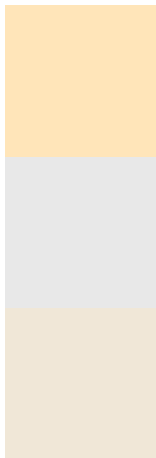
Original Color
92, 24.853, 84.350

Protanomaly
92, 24.661, 91.848

Deuteranomaly
92, 18.192, 74.529

Tritanomaly
92, 11.502, 40.963

Monochromacy



Original Color
92, 24.853, 84.350

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.868, 87.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 25.043, 83.518 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 25.043, 83.518 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, 185) }
```

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

```
.border{ border-color:rgb(255, 229, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 185); box-shadow:4px 4px 4px 4px rgb(255, 229, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 25.043, 83.518 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
229, 185) }
```

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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