

Converting Colors

CIELCh(92, 23.490, 83.542)

Have a look what the booklet for
CIELCh(92, 23.490, 83.542) contains.

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Color

CIELCh(92, 23.266, 83.904)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5BC
RGB	254, 229, 188
RGB Percent	100%, 90%, 74%
CMY	0.0041, 0.1021, 0.2629
CMYK	0.00, 0.10, 0.26, 0.00
HSL	37°, 97%, 87%
HSV	37°, 26%, 100%
XYZ	77.9350, 80.7044, 59.0217
YIQ	231.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

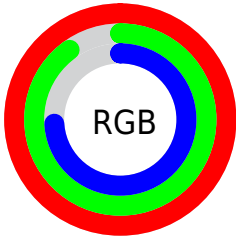
Format	Color
R _Y B	228, 254, 188
Decimal	16704956
CIE _{Lab}	92.00, 2.47, 23.13
CIE _{LCh}	92, 23.266, 83.904
Yxy	80.7044, 0.3581, 0.3708
Android (android.graphics.Color)	4294895036 (0xFFFE5BC)
YUV	231.8010, -21.5939, 19.4685
Hunter-Lab	89.8356, -2.3585, 23.9316

Details

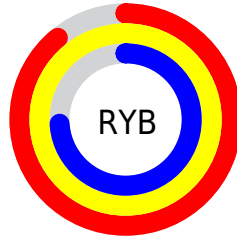
The CIELCh color **92, 23.266, 83.904** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.773, 271.342**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **72, 23.221, 83.904** is the 20% darker color. If you saturate the color by 10%, you get **89, 32.645, 82.534**, and if you desaturate by 10%, it is **95, 14.116, 85.245**.

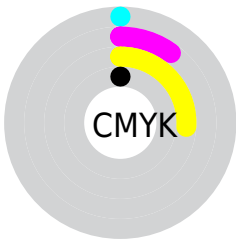
Distribution



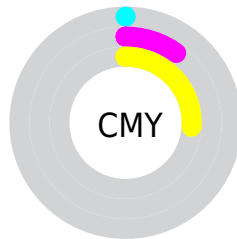
- Red (100%)
- Green (90%)
- Blue (74%)



- Red (89%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 23.266, 83.904 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, 23.266, 83.904 by changing the saturation by 10% instead.

 92, 23.266, 83.904

 92, 23.266, 83.904

 100, 23.266,
83.904

 82, 23.266, 83.904

 72, 23.266, 83.904

 62, 23.266, 83.904

 52, 23.266, 83.904

 42, 23.266, 83.904

 32, 23.266, 83.904

 22, 23.266, 83.904

 12, 23.266, 83.904

 2, 23.266, 83.904

92, 23.266, 83.904

92, 23.266, 83.904

89, 32.645, 82.534

95, 14.116, 85.245

86, 42.193, 81.114

98, 5.208, 86.506

84, 51.780, 79.644

100, 0.363,
201.206

81, 61.135, 78.091

79, 69.750, 76.383

76, 76.782, 74.372

74, 81.198, 71.822

73, 82.398, 70.682

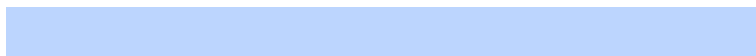
Harmonies

Complementary

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



92, 23.266, 83.904



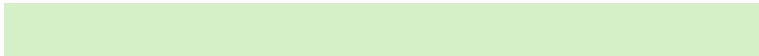
85, 22.773, 271.342

Rectangle

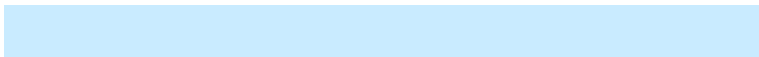
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 23.266, 83.904



92, 23.266, 133.904



92, 23.266, 263.904



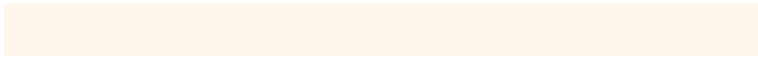
92, 23.266, 313.904

Sweetspot

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



92, 23.267, 83.911



98, 7.004, 86.263



83, 27.646, 353.124



52, 4.989, 86.077



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

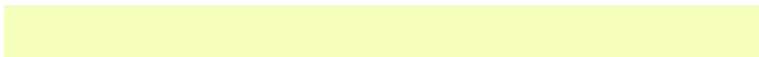
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 23.267, 83.911



91, 28.035, 83.225



98, 33.378, 112.679



52, 4.989, 86.077



56, 66.531, 71.290



18, 27.570, 73.968

Inverse Universe

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



85, 22.773, 271.342



82, 27.319, 272.323



79, 35.476, 297.262



50, 4.962, 268.642



35, 73.262, 293.956



9, 29.400, 288.422

Previews

White Background



This preview shows how the CIE LCh color 92, 23.266, 83.904 looks on a white background.

Color Contrast Check

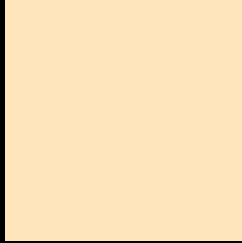
Large Text (above 18pt) WCAG AA × Fail

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, 23.266, 83.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

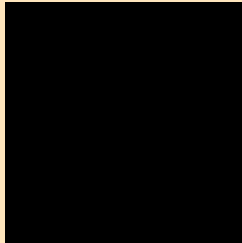
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 23.266, 83.904

Background



This preview shows how black text looks on a background with the CIELCh color 92, 23.266, 83.904.



This preview shows how white text looks on a background with the CIELCh color 92, 23.266, 83.904.

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, 23.266, 83.904

Protanopia

92, 22.740, 94.709

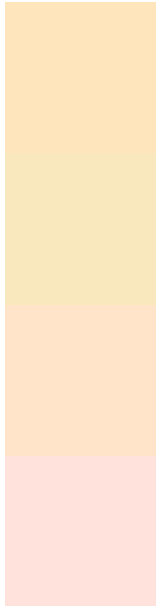
Deuteranopia

92, 14.411, 62.468



Tritanopia
92, 13.269, 347.394

Trichromacy



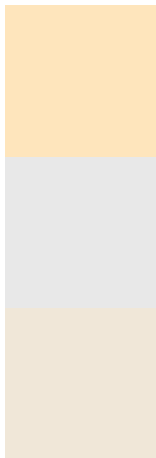
Original Color
92, 23.266, 83.904

Protanomaly
92, 22.694, 90.649

Deuteranomaly
92, 17.332, 72.763

Tritanomaly
92, 11.136, 36.115

Monochromacy



Original Color
92, 23.266, 83.904

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.389, 86.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 23.266, 83.904 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 23.266, 83.904 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, 188) }
```

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

```
.border{ border-color:rgb(254, 229, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 229, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 229, 188); box-shadow:4px 4px 4px 4px rgb(254, 229, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 23.266, 83.904 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, 188) }
```

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

```
.background{ background-color: rgb(254,  
229, 188) }
```

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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