

Converting Colors

CIELCh(92, 9.874, 81.673)

Have a look what the booklet for
CIELCh(92, 9.874, 81.673) contains.

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Color

CIELCh(92, 9.982, 80.664)

Conversions

Conversions Part 1

Format	Color
Hex	F3E6D5
RGB	243, 230, 213
RGB Percent	95%, 90%, 84%
CMY	0.0458, 0.0968, 0.1635
CMYK	0.00, 0.05, 0.12, 0.05
HSL	34°, 56%, 90%
HSV	34°, 12%, 95%
XYZ	77.5104, 80.7044, 74.6533
YIQ	231.9490, 13.2050, -2.5310

Conversions

Conversions Part 2

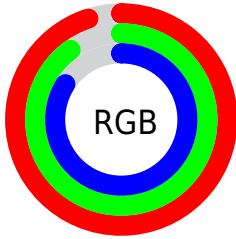
Format	Color
R_{YB}	236, 243, 213
Decimal	15984341
CIE Lab	92.00, 1.62, 9.85
CIE LCh	92, 9.982, 80.664
Yxy	80.7044, 0.3329, 0.3466
Android (android.graphics.Color)	4294174421 (0xFFFF3E6D5)
YUV	231.9490, -9.3419, 9.6917
Hunter-Lab	89.8356, -3.2021, 13.6150

Details

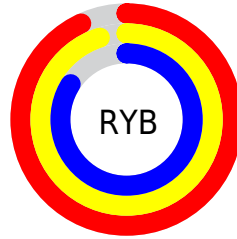
The CIELCh color **92, 9.982, 80.664** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 9.807, 264.029**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.351, 82.153** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.412, 79.377**, and if you desaturate by 10%, it is **95, 1.848, 81.800**.

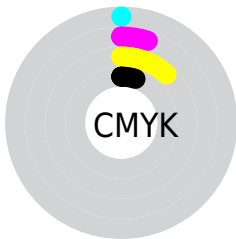
Distribution



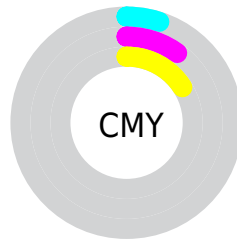
- Red (95%)
- Green (90%)
- Blue (84%)



- Red (93%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.982, 80.664 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, 9.982, 80.664 by changing the saturation by 10% instead.



92, 9.982, 80.664

92, 9.982, 80.664

89, 18.412, 79.377

95, 1.848, 81.800

86, 27.141, 78.032

98, 3.315, 233.037

83, 36.151, 76.654

99, 4.030, 199.314

80, 45.373, 75.237

77, 54.639, 73.758

74, 63.596, 72.155

72, 71.588, 70.293

69, 77.601, 67.923

67, 80.612, 65.693

Harmonies

Complementary

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



92, 9.982, 80.664



90, 9.807, 264.029

Rectangle

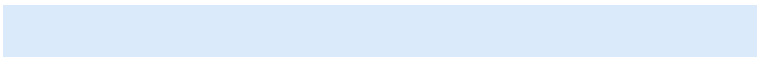
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 9.982, 80.664



92, 9.982, 130.664



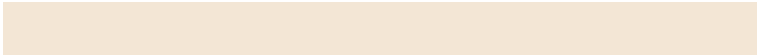
92, 9.982, 260.664



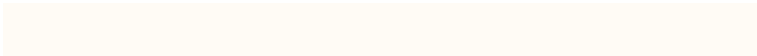
92, 9.982, 310.664

Sweetspot

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



92, 9.983, 80.679



99, 3.308, 81.671



88, 12.814, 348.488



52, 2.355, 81.593



0, 0.000, 0.000



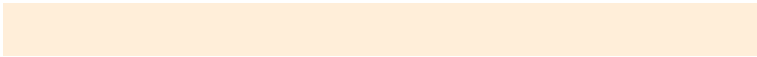
53, 0.007, 296.813

Same Dimension

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



92, 9.983, 80.679



95, 12.676, 80.332



95, 15.341, 111.731



50, 4.599, 81.036



53, 65.810, 66.343



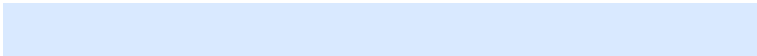
16, 24.813, 68.382

Inverse Universe

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



90, 9.807, 264.029



92, 12.391, 264.443



86, 15.781, 293.967



48, 4.541, 263.617



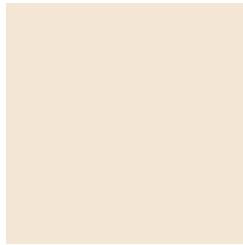
37, 64.952, 289.976



9, 24.951, 283.287

Previews

White Background



This preview shows how the CIELCh color 92, 9.982, 80.664 looks on a white background.

Color Contrast Check

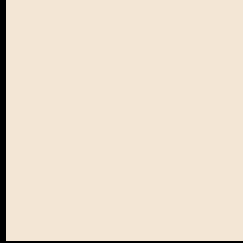
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 9.982, 80.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

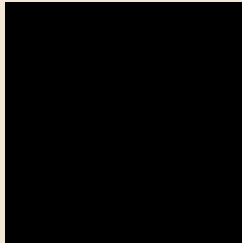
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 9.982, 80.664

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.982, 80.664.

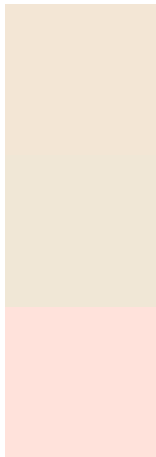


This preview shows how white text looks on a background with the CIELCh color 92, 9.982, 80.664.

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, 9.982, 80.664

Protanopia

92, 9.351, 88.693

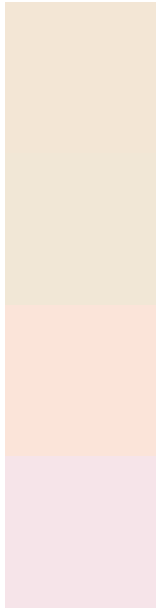
Deuteranopia

92, 11.308, 38.579



Tritanopia
92, 11.953, 329.091

Trichromacy



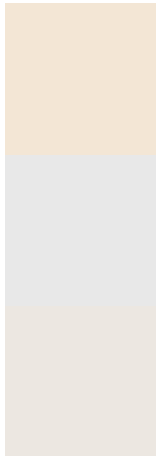
Original Color
92, 9.982, 80.664

Protanomaly
92, 9.488, 86.594

Deuteranomaly
92, 10.218, 53.412

Tritanomaly
92, 6.974, 358.132

Monochromacy



Original Color
92, 9.982, 80.664

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.562, 79.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.982, 80.664 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(243, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 213)  
}
```

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(243, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.982, 80.664 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(243, 230, 213) }
```

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

```
.border{ border-color:rgb(243, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.982, 80.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 230, 213) }
```

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

```
.background{ background-color: rgb(243,  
230, 213) }
```

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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