

Converting Colors

CIELCh(92, 21.649, 94.983)

Have a look what the booklet for
CIELCh(92, 21.649, 94.983) contains.

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Color

CIELCh(92, 21.650, 95.183)

Conversions

Conversions Part 1

Format	Color
Hex	F5E8BF
RGB	245, 232, 191
RGB Percent	96%, 91%, 75%
CMY	0.0401, 0.0911, 0.2519
CMYK	0.00, 0.05, 0.22, 0.04
HSL	46°, 73%, 85%
HSV	46°, 22%, 96%
XYZ	75.7444, 80.7044, 60.7462
YIQ	231.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

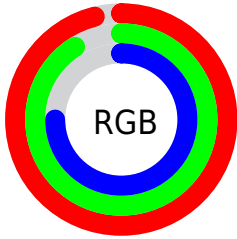
Format	Color
R _Y B	208, 245, 191
Decimal	16115903
CIE Lab	92.00, -1.96, 21.56
CIE LCh	92, 21.650, 95.183
Yxy	80.7044, 0.3487, 0.3716
Android (android.graphics.Color)	4294305983 (0xFFFF5E8BF)
YUV	231.2130, -19.8250, 12.0912
Hunter-Lab	89.8356, -6.7112, 22.7935

Details

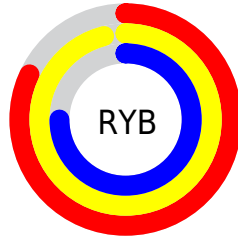
The CIELCh color **92, 21.650, 95.183** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 22.021, 280.896**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **72, 21.646, 94.971** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.592, 93.930**, and if you desaturate by 10%, it is **94, 11.769, 96.409**.

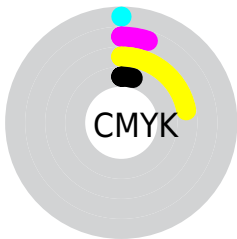
Distribution



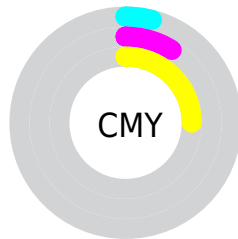
- Red (96%)
- Green (91%)
- Blue (75%)



- Red (82%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 21.650, 95.183 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, 21.650, 95.183 by changing the saturation by 10% instead.

 92, 21.650, 95.183

 92, 21.650, 95.183

 100, 21.650,
95.183

 82, 21.650, 95.183

 72, 21.650, 95.183

 62, 21.650, 95.183

 52, 21.650, 95.183

 42, 21.650, 95.183

 32, 21.650, 95.183

 22, 21.650, 95.183

 12, 21.650, 95.183

 2, 21.650, 95.183

92, 21.650, 95.183

92, 21.650, 95.183

90, 31.592, 93.930

94, 11.769, 96.409

88, 41.508, 92.638

96, 1.987, 97.509

86, 51.243, 91.318

98, 3.248, 260.563

85, 60.522, 89.967

99, 3.538, 199.368

83, 68.877, 88.565

81, 75.602, 87.067

80, 79.856, 85.387

79, 81.408, 83.884

Harmonies

Complementary

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



92, 21.650, 95.183



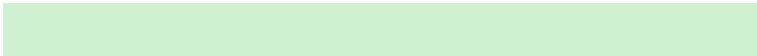
82, 22.021, 280.896

Rectangle

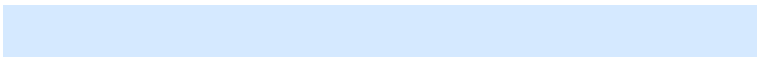
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 21.650, 95.183



92, 21.650, 145.183



92, 21.650, 275.183



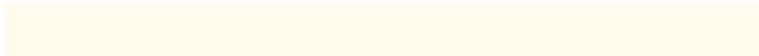
92, 21.650, 325.183

Sweetspot

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



92, 21.651, 95.190



99, 7.038, 97.001



82, 21.363, 1.832



52, 4.575, 96.931



0, 0.000, 0.000



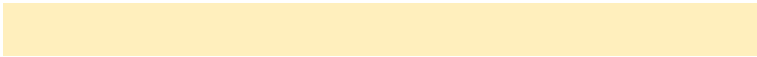
53, 0.007, 296.813

Same Dimension

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



92, 21.651, 95.190



95, 26.432, 94.690



94, 27.955, 118.515



50, 5.539, 96.714



61, 66.379, 84.256



19, 27.319, 86.822

Inverse Universe

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



82, 22.021, 280.896



83, 26.977, 281.566



80, 29.267, 301.491



48, 5.586, 279.054



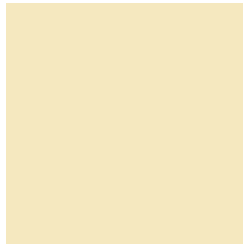
28, 88.157, 300.997



6, 33.018, 294.741

Previews

White Background



This preview shows how the CIELCh color 92, 21.650, 95.183 looks on a white background.

Color Contrast Check

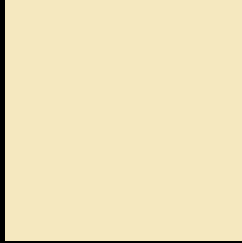
Large Text (above 18pt) WCAG AA × Fail

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, 21.650, 95.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

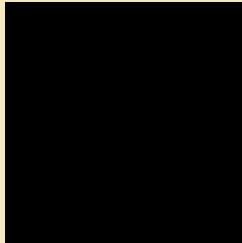
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 21.650, 95.183

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.650, 95.183.

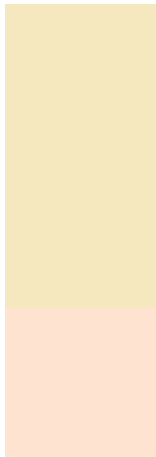


This preview shows how white text looks on a background with the CIELCh color 92, 21.650, 95.183.

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, 21.650, 95.183

Protanopia

92, 21.650, 95.183

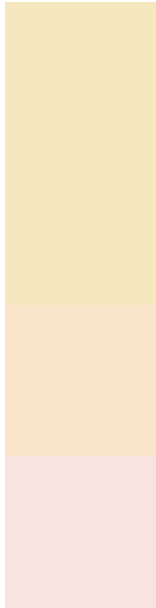
Deuteranopia

92, 14.050, 61.011



Tritanopia
92, 12.785, 336.931

Trichromacy



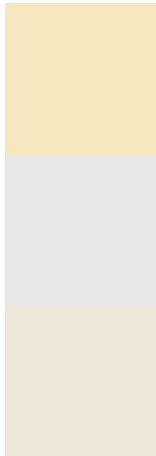
Original Color
92, 21.650, 95.183

Protanomaly
92, 21.650, 95.183

Deuteranomaly
92, 16.234, 78.201

Tritanomaly
92, 8.295, 34.226

Monochromacy



Original Color
92, 21.650, 95.183

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.933, 96.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.650, 95.183 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(245, 232, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 191)  
}
```

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(245, 232, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.650, 95.183 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(245, 232, 191) }
```

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

```
.border{ border-color:rgb(245, 232, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 232, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 232, 191); box-shadow:4px 4px 4px 4px rgb(245, 232, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.650, 95.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 191) }
```

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

```
.background{ background-color: rgb(245,  
232, 191) }
```

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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