

Converting Colors

CIELCh(92, 31.965, 95.543)

Have a look what the booklet for
CIELCh(92, 31.965, 95.543) contains.

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Color

CIELCh(92, 31.965, 95.543)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8AB
RGB	249, 232, 171
RGB Percent	98%, 91%, 67%
CMY	0.0240, 0.0906, 0.3298
CMYK	0.00, 0.07, 0.31, 0.02
HSL	47°, 86%, 82%
HSV	47°, 31%, 98%
XYZ	75.1909, 80.7044, 50.0886
YIQ	230.1290, 29.7130, -15.3670

Conversions

Conversions Part 2

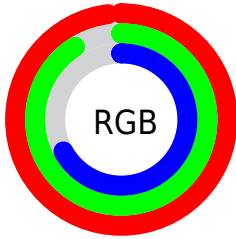
Format	Color
RYB	193, 249, 171
Decimal	16378027
CIELab	92.00, -3.09, 31.82
CIELCh	92, 31.965, 95.543
Yxy	80.7044, 0.3650, 0.3918
Android (android.graphics.Color)	4294568107 (0xFFFF9E8AB)
YUV	230.1290, -29.1506, 16.5499
Hunter-Lab	89.8356, -7.8108, 29.8273

Details

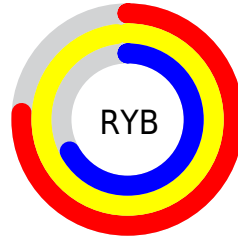
The CIELCh color **92, 31.965, 95.543** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 33.019, 283.903**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **72, 32.301, 95.713** is the 20% darker color. If you saturate the color by 10%, you get **90, 42.177, 94.287**, and if you desaturate by 10%, it is **94, 21.704, 96.781**.

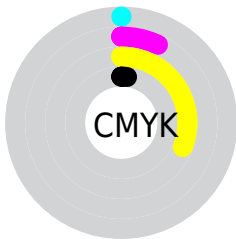
Distribution



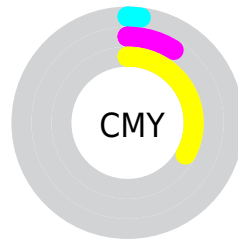
- Red (98%)
- Green (91%)
- Blue (67%)



- Red (76%)
- Yellow (98%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 31.965, 95.543 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, 31.965, 95.543 by changing the saturation by 10% instead.

 92, 31.965, 95.543

 92, 31.965, 95.543

 100, 31.965,
95.543

 82, 31.965, 95.543

 72, 31.965, 95.543

 62, 31.965, 95.543

 52, 31.965, 95.543

 42, 31.965, 95.543

 32, 31.965, 95.543

 22, 31.965, 95.543

 12, 31.965, 95.543

 2, 31.965, 95.543

92, 31.965, 95.543

92, 31.965, 95.543

90, 42.177, 94.287

94, 21.704, 96.781

89, 52.175, 93.005

96, 11.478, 97.976

87, 61.679, 91.700

98, 1.336, 99.010

85, 70.219, 90.363

99, 1.775, 223.683

84, 77.093, 88.962

100, 2.121,
199.583

82, 81.473, 87.428

81, 83.127, 85.948

Harmonies

Complementary

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



92, 31.965, 95.543



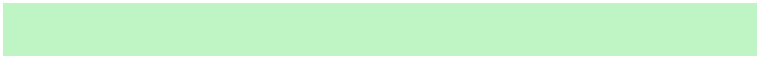
77, 33.019, 283.903

Rectangle

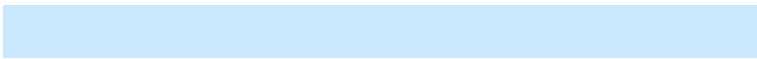
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 31.965, 95.543



92, 31.965, 145.543



92, 31.965, 275.543



92, 31.965, 325.543

Sweetspot

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



92, 31.966, 95.548



98, 9.281, 98.246



78, 31.161, 4.344



52, 6.455, 98.077



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

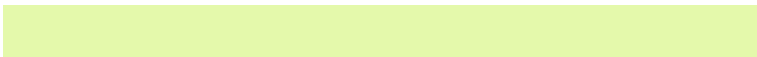
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 31.966, 95.548



93, 39.555, 94.704



95, 40.161, 118.608



51, 5.769, 98.189



63, 67.618, 86.277



20, 28.951, 88.585

Inverse Universe

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



77, 33.019, 283.903



74, 41.256, 285.214



74, 42.929, 302.865



49, 5.828, 280.491



27, 91.604, 301.872



6, 35.406, 296.328

Previews

White Background



This preview shows how the CIE LCh color 92, 31.965, 95.543 looks on a white background.

Color Contrast Check

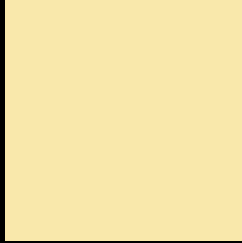
Large Text (above 18pt) WCAG AA × Fail

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, 31.965, 95.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

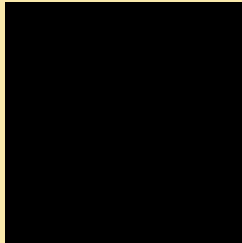
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 31.965, 95.543

Background



This preview shows how black text looks on a background with the CIELCh color 92, 31.965, 95.543.

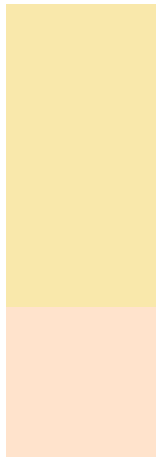


This preview shows how white text looks on a background with the CIELCh color 92, 31.965, 95.543.

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, 31.965, 95.543

Protanopia

92, 31.965, 95.543

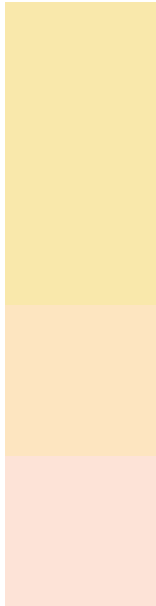
Deuteranopia

92, 15.943, 67.589



Tritanopia
92, 13.838, 343.782

Trichromacy



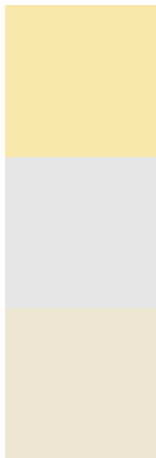
Original Color
92, 31.965, 95.543

Protanomaly
92, 31.965, 95.543

Deuteranomaly
92, 21.211, 82.848

Tritanomaly
92, 11.475, 52.399

Monochromacy



Original Color
92, 31.965, 95.543

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 11.543, 98.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 31.965, 95.543 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(249, 232, 171)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 171)  
}
```

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(249, 232, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 31.965, 95.543 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(249, 232, 171) }
```

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

```
.border{ border-color:rgb(249, 232, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 232, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 232, 171); box-shadow:4px 4px 4px 4px rgb(249, 232, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 31.965, 95.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 171) }
```

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

```
.background{ background-color: rgb(249,  
232, 171) }
```

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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