

Converting Colors

CIELCh(92, 31.904, 89.654)

Have a look what the booklet for
CIELCh(92, 31.904, 89.654) contains.

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Color

CIELCh(92, 31.904, 89.654)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6AB
RGB	255, 230, 171
RGB Percent	100%, 90%, 67%
CMY	0.0005, 0.0985, 0.3298
CMYK	0.00, 0.10, 0.33, 0.00
HSL	42°, 100%, 83%
HSV	42°, 33%, 100%
XYZ	76.8024, 80.7044, 50.0031
YIQ	230.7490, 33.8390, -13.0490

Conversions

Conversions Part 2

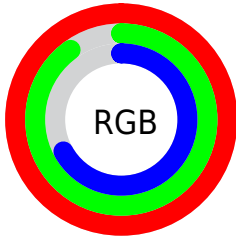
Format	Color
RYB	207, 255, 171
Decimal	16770731
CIELab	92.00, 0.19, 31.90
CIELCh	92, 31.904, 89.654
Yxy	80.7044, 0.3701, 0.3889
Android (android.graphics.Color)	4294960811 (0xFFFFE6AB)
YUV	230.7490, -29.4563, 21.2681
Hunter-Lab	89.8356, -4.6089, 29.8837

Details

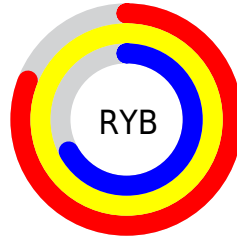
The CIELCh color **92, 31.904, 89.654** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.144, 279.062**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **72, 32.122, 90.222** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.805, 88.296**, and if you desaturate by 10%, it is **94, 22.060, 90.983**.

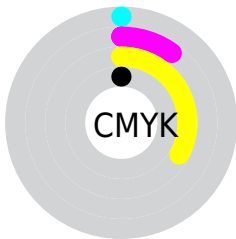
Distribution



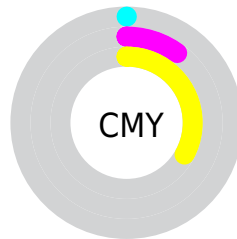
- Red (100%)
- Green (90%)
- Blue (67%)



- Red (81%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 31.904, 89.654 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, 31.904, 89.654 by changing the saturation by 10% instead.

 92, 31.904, 89.654

 92, 31.904, 89.654

 100, 31.904,
89.654

 82, 31.904, 89.654

 72, 31.904, 89.654

 62, 31.904, 89.654

 52, 31.904, 89.654

 42, 31.904, 89.654

 32, 31.904, 89.654

 22, 31.904, 89.654

 12, 31.904, 89.654

 2, 31.904, 89.654

92, 31.904, 89.654

92, 31.904, 89.654

90, 41.805, 88.296

94, 22.060, 90.983

88, 51.617, 86.892

97, 12.341, 92.260

85, 61.069, 85.433

99, 2.780, 93.430

83, 69.684, 83.882

100, 0.041,
215.772

81, 76.701, 82.158

79, 81.182, 80.122

78, 82.765, 78.461

Harmonies

Complementary

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



92, 31.904, 89.654



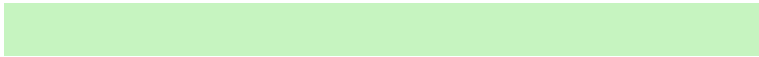
79, 32.144, 279.062

Rectangle

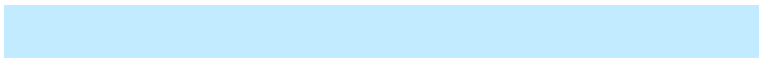
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 31.904, 89.654



92, 31.904, 139.654



92, 31.904, 269.654



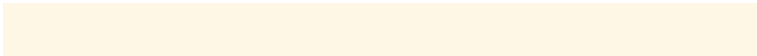
92, 31.904, 319.654

Sweetspot

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



92, 31.905, 89.659



98, 9.505, 92.626



79, 34.175, 359.752



52, 6.493, 92.453



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, 31.905, 89.659



90, 38.898, 88.703



97, 42.595, 115.716



52, 5.401, 92.686



60, 66.741, 78.946



20, 28.619, 81.646

Inverse Universe

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



79, 32.144, 279.062



75, 39.334, 280.559



74, 45.947, 300.825



50, 5.419, 275.140



31, 83.417, 298.558



8, 33.480, 293.685

Previews

White Background



This preview shows how the CIELCh color 92, 31.904, 89.654 looks on a white background.

Color Contrast Check

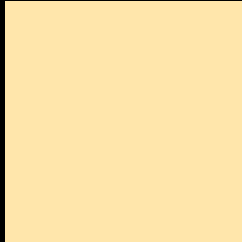
Large Text (above 18pt) WCAG AA × Fail

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, 31.904, 89.654 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, 31.904, 89.654

Background



This preview shows how black text looks on a background with the CIELCh color 92, 31.904, 89.654.

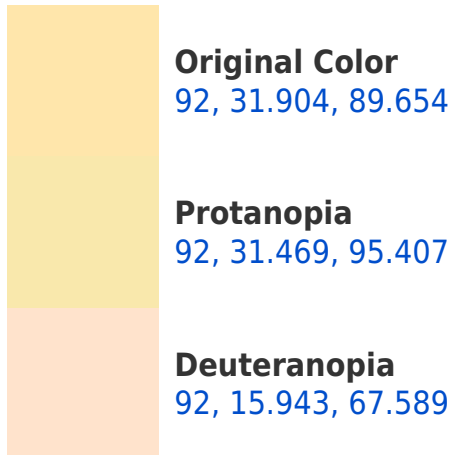


This preview shows how white text looks on a background with the CIELCh color 92, 31.904, 89.654.

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](#).

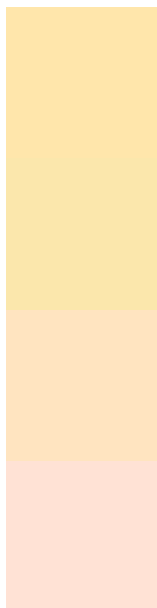
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



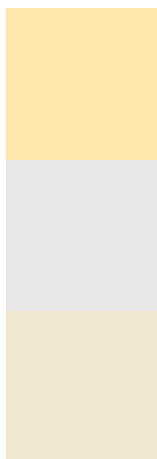
Original Color
92, 31.904, 89.654

Protanomaly
92, 31.289, 93.125

Deuteranomaly
92, 21.321, 79.496

Tritanomaly
92, 12.745, 51.573

Monochromacy



Original Color
92, 31.904, 89.654

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 11.805, 92.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 31.904, 89.654 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, 230, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 31.904, 89.654 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, 230, 171) }
```

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

```
.border{ border-color:rgb(255, 230, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 31.904, 89.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 171) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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