

Converting Colors

CIELCh(92, 31.624, 90.674)

Have a look what the booklet for
CIELCh(92, 31.624, 90.674) contains.

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Color

CIELCh(92, 31.776, 90.335)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6AB
RGB	254, 230, 171
RGB Percent	100%, 90%, 67%
CMY	0.0034, 0.0975, 0.3289
CMYK	0.00, 0.09, 0.33, 0.00
HSL	43°, 98%, 83%
HSV	43°, 33%, 100%
XYZ	76.6153, 80.7044, 50.1276
YIQ	230.4500, 33.2430, -13.2610

Conversions

Conversions Part 2

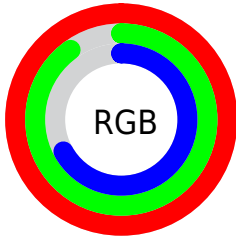
Format	Color
RYB	205, 254, 171
Decimal	16705195
CIELab	92.00, -0.19, 31.78
CIELCh	92, 31.776, 90.335
Yxy	80.7044, 0.3693, 0.3890
Android (android.graphics.Color)	4294895275 (0xFFFE6AB)
YUV	230.4500, -29.3088, 20.6534
Hunter-Lab	89.8356, -4.9806, 29.8016

Details

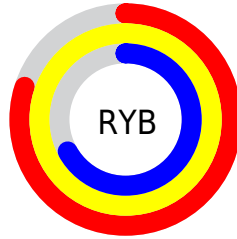
The CIELCh color **92, 31.776, 90.335** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.112, 279.594**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **72, 31.991, 90.951** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.700, 88.987**, and if you desaturate by 10%, it is **94, 21.898, 91.655**.

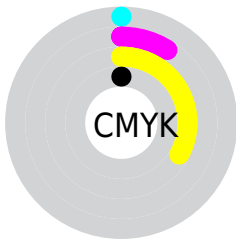
Distribution



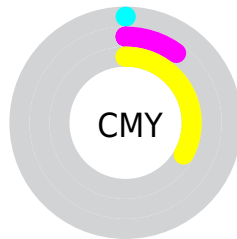
- Red (100%)
- Green (90%)
- Blue (67%)



- Red (80%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (33%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 31.776, 90.335 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, 31.776, 90.335 by changing the saturation by 10% instead.

 92, 31.776, 90.335

 92, 31.776, 90.335

 100, 31.776,
90.335

 82, 31.776, 90.335

 72, 31.776, 90.335

 62, 31.776, 90.335

 52, 31.776, 90.335

 42, 31.776, 90.335

 32, 31.776, 90.335

 22, 31.776, 90.335

 12, 31.776, 90.335

 2, 31.776, 90.335

92, 31.776, 90.335

92, 31.776, 90.335

90, 41.700, 88.987

94, 21.898, 91.655

88, 51.522, 87.594

97, 12.136, 92.924

86, 60.974, 86.150

99, 2.523, 94.079

84, 69.580, 84.620

100, 0.301,
201.585

82, 76.592, 82.930

80, 81.081, 80.950

78, 82.698, 79.270

Harmonies

Complementary

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



92, 31.776, 90.335



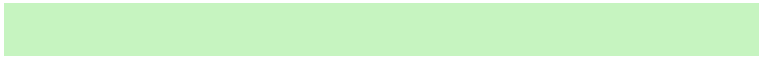
79, 32.112, 279.594

Rectangle

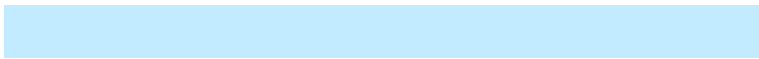
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 31.776, 90.335



92, 31.776, 140.335



92, 31.776, 270.335



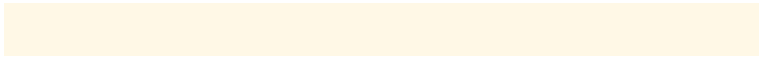
92, 31.776, 320.335

Sweetspot

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



92, 31.777, 90.340



98, 9.586, 93.252



79, 33.783, 359.708



52, 6.549, 93.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

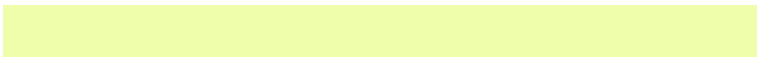
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 31.777, 90.340



91, 38.172, 89.486



97, 42.131, 115.735



52, 5.448, 93.312



61, 66.843, 79.736



20, 28.755, 82.404

Inverse Universe

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



79, 32.112, 279.594



75, 38.726, 280.920



74, 45.411, 300.794



50, 5.471, 275.751



31, 84.440, 298.962



7, 33.884, 294.123

Previews

White Background



This preview shows how the CIELCh color 92, 31.776, 90.335 looks on a white background.

Color Contrast Check

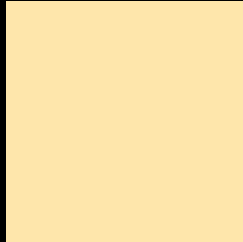
Large Text (above 18pt) WCAG AA × Fail

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, 31.776, 90.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

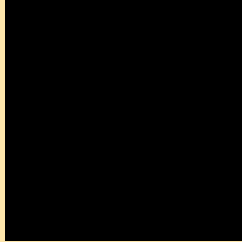
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 31.776, 90.335

Background



This preview shows how black text looks on a background with the CIELCh color 92, 31.776, 90.335.



This preview shows how white text looks on a background with the CIELCh color 92, 31.776, 90.335.

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, 31.776, 90.335

Protanopia

92, 31.469, 95.407

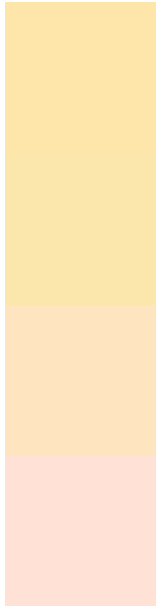
Deuteranopia

92, 15.943, 67.589



Tritanopia
92, 13.007, 349.317

Trichromacy



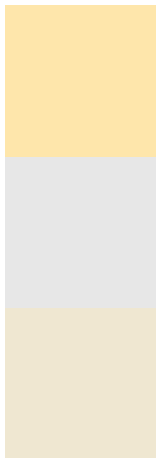
Original Color
92, 31.776, 90.335

Protanomaly
92, 31.289, 93.125

Deuteranomaly
92, 21.321, 79.496

Tritanomaly
92, 12.745, 51.573

Monochromacy



Original Color
92, 31.776, 90.335

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 11.706, 94.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 31.776, 90.335 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, 230, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 230, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 31.776, 90.335 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, 230, 171) }
```

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

```
.border{ border-color:rgb(254, 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(254, 230, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 31.776, 90.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 171) }
```

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

```
.background{ background-color: rgb(254,  
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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