

Converting Colors

CIELCh(100, 47.093, 37.885)

Have a look what the booklet for
CIELCh(100, 47.093, 37.885)
contains.

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Color

CIELCh(92, 17.019, 68.775)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3CA
RGB	255, 227, 202
RGB Percent	100%, 89%, 79%
CMY	0.0000, 0.1095, 0.2077
CMYK	0.00, 0.11, 0.21, 0.00
HSL	28°, 100%, 90%
HSV	28°, 21%, 100%
XYZ	79.7934, 80.7044, 67.2726
YIQ	232.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

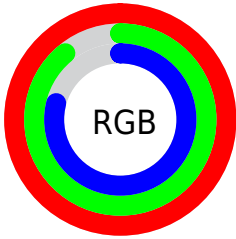
Format	Color
R_{YB}	255, 249, 202
Decimal	16769994
CIE _{Lab}	92.00, 6.16, 15.86
CIE _{LCh}	92, 17.019, 68.775
Y _{xy}	80.7044, 0.3503, 0.3543
Android (android.graphics.Color)	4294960074 (0xFFFFE3CA)
YUV	232.5220, -15.0473, 19.7132
Hunter-Lab	89.8356, 1.3341, 18.4862

Details

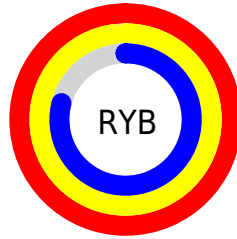
The CIELCh color **92, 17.019, 68.775** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 15.686, 255.367**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 16.816, 70.178** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.474, 68.666**, and if you desaturate by 10%, it is **96, 8.458, 71.049**.

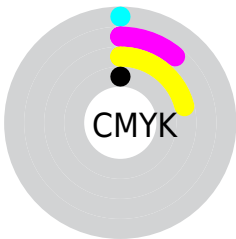
Distribution



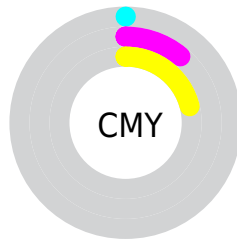
- Red (100%)
- Green (89%)
- Blue (79%)



- Red (100%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 17.019, 68.775 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, 17.019, 68.775 by changing the saturation by 10% instead.

 92, 17.019, 68.775

 92, 17.019, 68.775

 100, 17.019,
68.775

 82, 17.019, 68.775

 72, 17.019, 68.775

 62, 17.019, 68.775

 52, 17.019, 68.775

 42, 17.019, 68.775

 32, 17.019, 68.775

 22, 17.019, 68.775

 12, 17.019, 68.775

 2, 17.019, 68.775

92, 17.019, 68.775

92, 17.019, 68.775

88, 25.474, 68.666

96, 8.458, 71.049

84, 34.658, 67.459

100, 0.581, 71.493

81, 44.273, 66.250

100, 0.012,
296.813

77, 54.212, 65.021

74, 64.206, 63.713

71, 73.677, 62.180

68, 81.573, 60.130

66, 86.693, 57.577

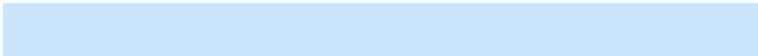
Harmonies

Complementary

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



92, 17.019, 68.775



90, 15.686, 255.367

Rectangle

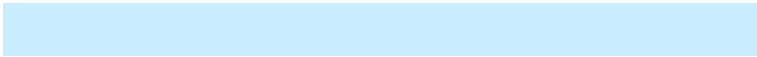
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 17.019, 68.775



92, 17.019, 118.775



92, 17.019, 248.775



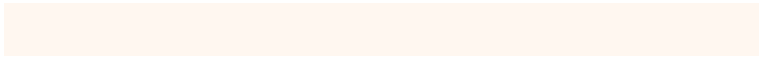
92, 17.019, 298.775

Sweetspot

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



92, 16.745, 69.870



98, 4.653, 71.575



87, 24.102, 343.674



52, 3.092, 71.507



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, 16.745, 69.870



90, 20.383, 69.362



98, 25.870, 106.732



51, 4.451, 71.194



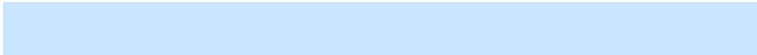
50, 69.525, 58.288



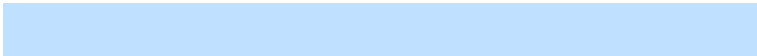
16, 27.057, 59.104

Inverse Universe

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



90, 15.686, 255.367



88, 18.809, 256.110



83, 27.071, 291.261



51, 4.334, 253.667



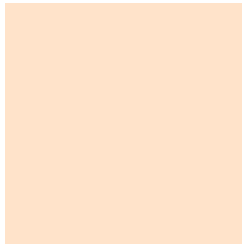
43, 55.157, 281.360



13, 22.586, 274.595

Previews

White Background



This preview shows how the CIE LCh color 92, 17.019, 68.775 looks on a white background.

Color Contrast Check

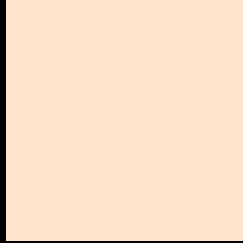
Large Text (above 18pt) WCAG AA × Fail

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, 17.019, 68.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

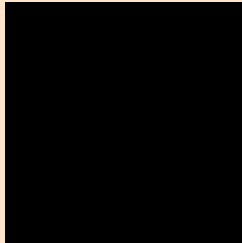
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 17.019, 68.775

Background



This preview shows how black text looks on a background with the CIELCh color 92, 17.019, 68.775.

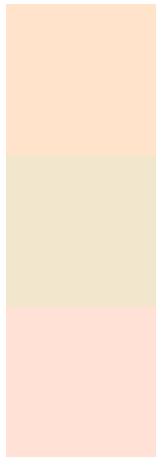


This preview shows how white text looks on a background with the CIELCh color 92, 17.019, 68.775.

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, 16.751, 69.776

Protanopia

92, 14.495, 92.523

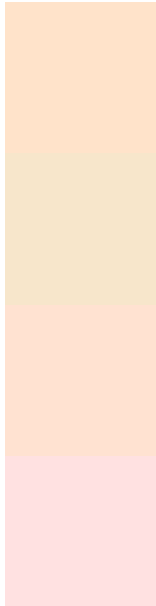
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.269, 347.394

Trichromacy



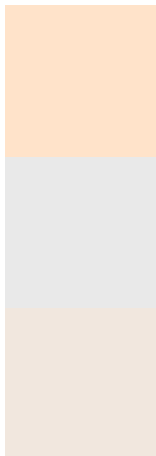
Original Color
92, 16.751, 69.776

Protanomaly
92, 15.316, 84.328

Deuteranomaly
92, 14.010, 58.484

Tritanomaly
92, 10.970, 20.126

Monochromacy



Original Color
92, 16.751, 69.776

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.874, 71.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 17.019, 68.775 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, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 202)  
}
```

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, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 17.019, 68.775 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, 227, 202) }
```

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

```
.border{ border-color:rgb(255, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 17.019, 68.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 202) }
```

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

```
.background{ background-color: rgb(255,  
227, 202) }
```

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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