

Converting Colors

CIELCh(96, 27.352, 20.099)

Have a look what the booklet for
CIELCh(96, 27.352, 20.099) contains.

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Color

CIELCh(92, 10.965, 17.446)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E2
RGB	255, 225, 226
RGB Percent	100%, 88%, 89%
CMY	0.0000, 0.1171, 0.1132
CMYK	0.00, 0.12, 0.11, 0.00
HSL	358°, 100%, 94%
HSV	358°, 12%, 100%
XYZ	81.9952, 80.7044, 83.3010
YIQ	234.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 225, 226
Decimal	16769506
CIE _{Lab}	92.00, 10.46, 3.29
CIE _{LCh}	92, 10.965, 17.446
Yxy	80.7044, 0.3333, 0.3281
Android (android.graphics.Color)	4294959586 (0xFFFFE1E2)
YUV	234.0840, -3.9854, 18.3433
Hunter-Lab	89.8356, 5.7091, 7.9077

Details

The CIELCh color **92, 10.965, 17.446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 10.169, 195.953**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.821, 17.452** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.000, 18.418**, and if you desaturate by 10%, it is **99, 1.537, 16.322**.

Distribution



Red (100%)

Green (88%)

Blue (89%)



Red (100%)

Yellow (88%)

Blue (89%)



Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.965, 17.446 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, 10.965, 17.446 by changing the saturation by 10% instead.

 92, 10.965, 17.446

 92, 10.965, 17.446

 100, 10.965,
17.446

 82, 10.965, 17.446

 72, 10.965, 17.446

 62, 10.965, 17.446

 52, 10.965, 17.446

 42, 10.965, 17.446

 32, 10.965, 17.446

 22, 10.965, 17.446

 12, 10.965, 17.446

 2, 10.965, 17.446

92, 10.965, 17.446

92, 10.965, 17.446

85, 21.000, 18.418

99, 1.537, 16.322

79, 31.782, 19.640

100, 0.012,
296.813

73, 43.168, 21.210

67, 54.966, 23.243

62, 66.865, 25.859

58, 78.460, 29.135

56, 89.240, 32.972

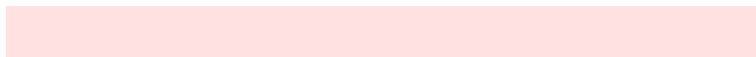
54, 98.303, 36.824

53, 103.290,
39.094

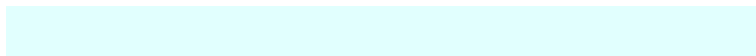
Harmonies

Complementary

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



92, 10.965, 17.446



98, 10.169, 195.953

Rectangle

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



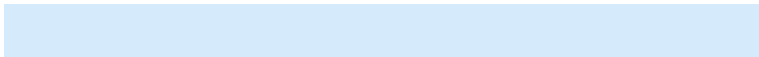
92, 10.965, 17.446



92, 10.965, 67.446



92, 10.965, 197.446



92, 10.965, 247.446

Sweetspot

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



92, 10.913, 17.441



97, 3.621, 16.726



93, 18.395, 323.692



51, 2.581, 16.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

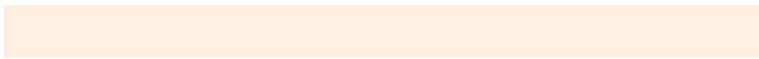
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.913, 17.441



90, 13.158, 17.649



95, 9.118, 68.416



49, 5.254, 17.246



40, 82.775, 38.714



10, 33.094, 25.844

Inverse Universe

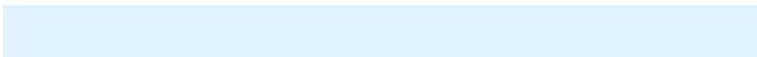
The Inverse Universe completely reimagines the original color for something new.



92, 10.913, 17.441



90, 13.158, 17.649



95, 8.773, 251.356



49, 5.254, 17.246



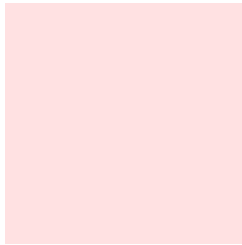
40, 82.775, 38.714



10, 33.094, 25.844

Previews

White Background



This preview shows how the CIELCh color 92, 10.965, 17.446 looks on a white background.

Color Contrast Check

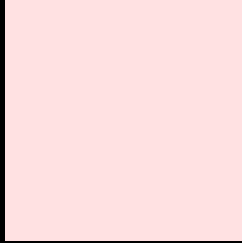
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 10.965, 17.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

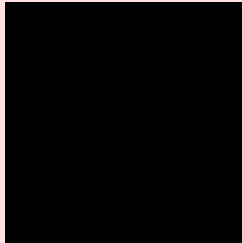
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

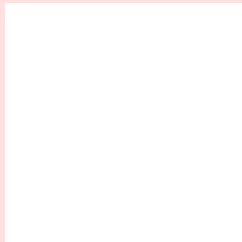
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.965, 17.446

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.965, 17.446.

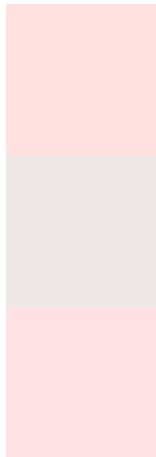


This preview shows how white text looks on a background with the CIELCh color 92, 10.965, 17.446.

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, 10.965, 17.446

Protanopia

92, 2.373, 45.016

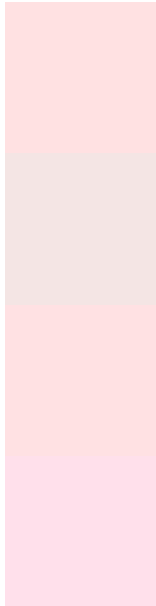
Deuteranopia

92, 10.984, 14.770



Tritanopia
92, 13.838, 343.782

Trichromacy



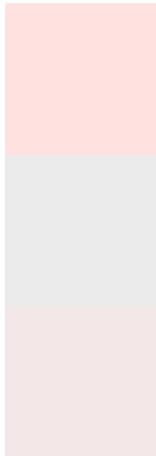
Original Color
92, 10.965, 17.446

Protanomaly
92, 5.438, 25.096

Deuteranomaly
92, 10.984, 14.770

Tritanomaly
92, 12.530, 353.397

Monochromacy



Original Color
92, 10.965, 17.446

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.947, 19.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.965, 17.446 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, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 226)  
}
```

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, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.965, 17.446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

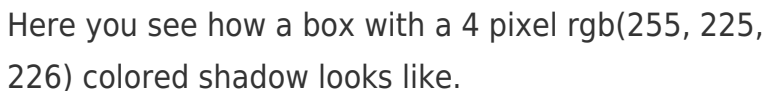
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 225, 226) }
```

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

```
.border{ border-color:rgb(255, 225, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 226); box-shadow:4px 4px 4px 4px rgb(255, 225, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.965, 17.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 226) }
```

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

```
.background{ background-color: rgb(255,  
225, 226) }
```

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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