

Converting Colors

CIELCh(91, 10.827, 20.442)

Have a look what the booklet for
CIELCh(91, 10.827, 20.442) contains.

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Color

CIELCh(91, 11.001, 20.136)

Conversions

Conversions Part 1

Format	Color
Hex	FCDEDE
RGB	252, 222, 222
RGB Percent	99%, 87%, 87%
CMY	0.0104, 0.1280, 0.1280
CMYK	0.00, 0.12, 0.12, 0.01
HSL	0°, 85%, 93%
HSV	0°, 12%, 99%
XYZ	79.7208, 78.4833, 80.2996
YIQ	230.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

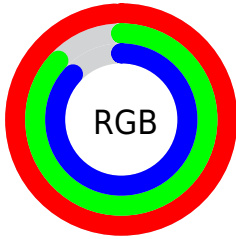
Format	Color
R _Y B	252, 222, 222
Decimal	16572126
CIE Lab	91.00, 10.33, 3.79
CIE LCh	91, 11.001, 20.136
Yxy	78.4833, 0.3343, 0.3291
Android (android.graphics.Color)	4294762206 (0xFFFCDEDE)
YUV	230.9700, -4.4222, 18.4433
Hunter-Lab	88.5908, 5.5940, 8.2725

Details

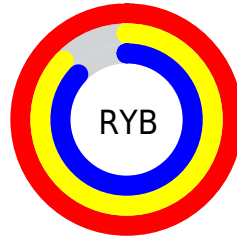
The CIELCh color **91, 11.001, 20.136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 10.191, 198.835**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 10.871, 20.322** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.066, 21.049**, and if you desaturate by 10%, it is **98, 1.682, 19.143**.

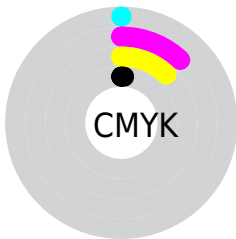
Distribution



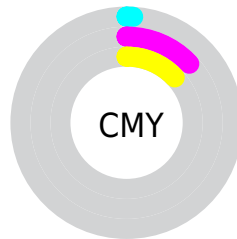
- Red (99%)
- Green (87%)
- Blue (87%)



- Red (99%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 11.001, 20.136 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 91, 11.001, 20.136 by changing the saturation by 10% instead.

 91, 11.001, 20.136

 91, 11.001, 20.136

 100, 11.001,
20.136

 81, 11.001, 20.136

 71, 11.001, 20.136

 61, 11.001, 20.136

 51, 11.001, 20.136

 41, 11.001, 20.136

 31, 11.001, 20.136

 21, 11.001, 20.136

 11, 11.001, 20.136

 1, 11.001, 20.136

91, 11.001, 20.136

91, 11.001, 20.136

84, 21.066, 21.049

98, 1.682, 19.143

78, 31.880, 22.198

100, 0.917,
200.070

72, 43.365, 23.700

66, 55.340, 25.665

62, 67.504, 28.203

58, 79.428, 31.358

55, 90.473, 34.949

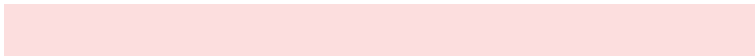
53, 99.321, 38.248

53, 103.752,
40.001

Harmonies

Complementary

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



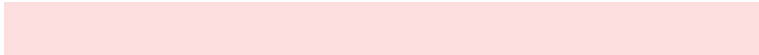
91, 11.001, 20.136



97, 10.191, 198.835

Rectangle

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



91, 11.001, 20.136



91, 11.001, 70.136



91, 11.001, 200.136



91, 11.001, 250.136

Sweetspot

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



91, 10.999, 20.148



97, 3.616, 19.479



92, 18.808, 325.083



51, 2.577, 19.556



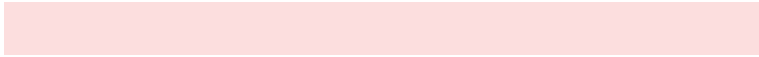
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

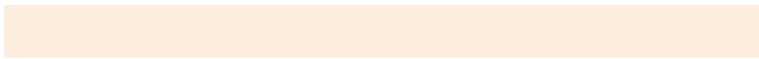
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 10.999, 20.148



90, 13.169, 20.323



95, 9.439, 73.910



49, 5.166, 19.954



39, 83.389, 40.002



9, 32.192, 26.147

Inverse Universe

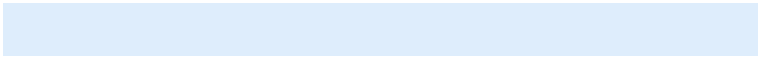
The Inverse Universe completely reimagines the original color for something new.



97, 10.191, 198.835



98, 12.027, 198.716



93, 9.166, 257.062



51, 4.864, 198.977



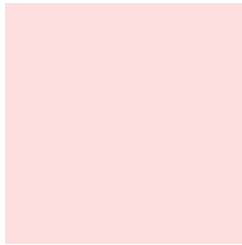
69, 39.954, 196.410



23, 18.078, 196.407

Previews

White Background



This preview shows how the CIELCh color 91, 11.001, 20.136 looks on a white background.

Color Contrast Check

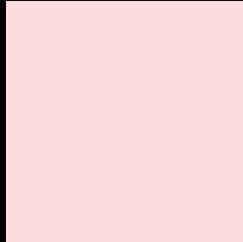
Large Text (above 18pt) WCAG AA × Fail

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 91, 11.001, 20.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

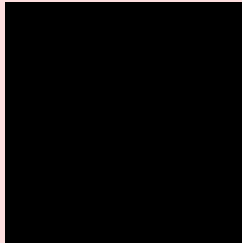
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

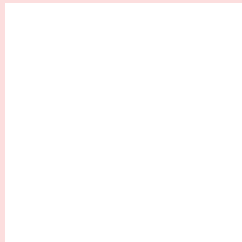
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 11.001, 20.136

Background



This preview shows how black text looks on a background with the CIELCh color 91, 11.001, 20.136.

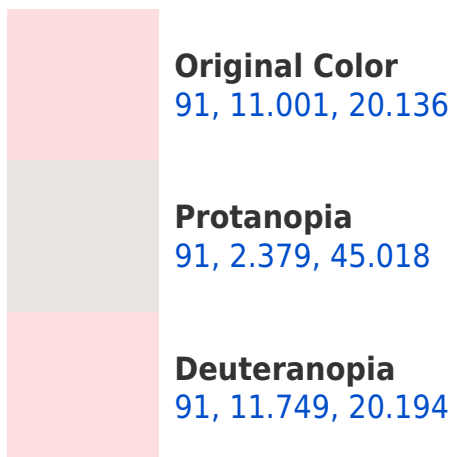



This preview shows how white text looks on a background with the CIELCh color 91, 11.001, 20.136.

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](#).

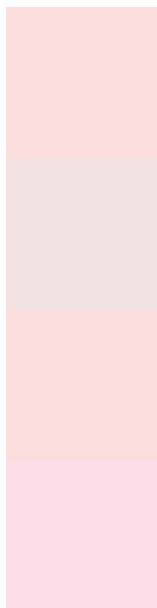
Dichromacy





Tritanopia
91, 15.048, 344.772

Trichromacy



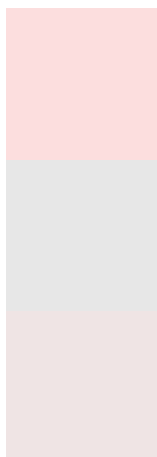
Original Color
91, 11.001, 20.136

Protanomaly
91, 5.452, 25.100

Deuteranomaly
91, 11.375, 20.165

Tritanomaly
91, 12.888, 354.182

Monochromacy



Original Color
91, 11.001, 20.136

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.958, 19.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 11.001, 20.136 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(252, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(252, 222, 222)  
}
```

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(252, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 222, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 11.001, 20.136 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(252, 222, 222) }
```

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

```
.border{ border-color:rgb(252, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 222,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 11.001, 20.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 222, 222) }
```

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

```
.background{ background-color: rgb(252,  
222, 222) }
```

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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