

Converting Colors

CIELCh(94, 25.118, 21.943)

Have a look what the booklet for
CIELCh(94, 25.118, 21.943) contains.

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Color

CIELCh(91, 12.511, 20.255)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDD
RGB	255, 221, 221
RGB Percent	100%, 87%, 87%
CMY	0.0000, 0.1318, 0.1319
CMYK	0.00, 0.13, 0.13, 0.00
HSL	0°, 100%, 93%
HSV	0°, 13%, 100%
XYZ	80.4374, 78.4833, 79.5763
YIQ	231.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

Format	Color
R _{YB}	255, 221, 221
Decimal	16768477
CIE Lab	91.00, 11.74, 4.33
CIE LCh	91, 12.511, 20.255
Yxy	78.4833, 0.3373, 0.3291
Android (android.graphics.Color)	4294958557 (0xFFFFDDDD)
YUV	231.1660, -5.0118, 20.9024
Hunter-Lab	88.5908, 7.0380, 8.7566

Details

The CIELCh color **91, 12.511, 20.255** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 11.355, 198.761**, 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, 12.477, 20.477** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.617, 21.182**, and if you desaturate by 10%, it is **98, 2.872, 19.381**.

Distribution



Red (100%)

Green (87%)

Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)



Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.511, 20.255 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, 12.511, 20.255 by changing the saturation by 10% instead.

 91, 12.511, 20.255

 91, 12.511, 20.255

 100, 12.511,
20.255

 81, 12.511, 20.255

 71, 12.511, 20.255

 61, 12.511, 20.255

 51, 12.511, 20.255

 41, 12.511, 20.255

 31, 12.511, 20.255

 21, 12.511, 20.255

 11, 12.511, 20.255

 1, 12.511, 20.255

91, 12.511, 20.255

91, 12.511, 20.255

84, 22.617, 21.182

98, 2.872, 19.381

78, 33.617, 22.373

100, 0.012,
296.813

72, 45.277, 23.930

66, 57.398, 25.966

62, 69.661, 28.587

58, 81.613, 31.821

55, 92.557, 35.433

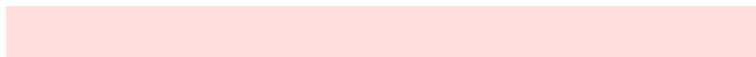
54, 101.008,
38.597

53, 104.574,
40.001

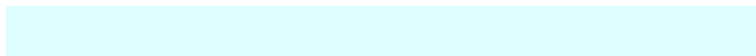
Harmonies

Complementary

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



91, 12.511, 20.255



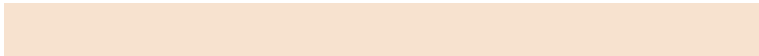
98, 11.355, 198.761

Rectangle

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



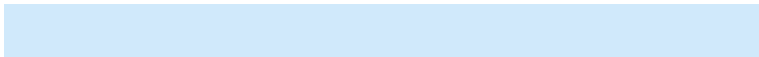
91, 12.511, 20.255



91, 12.511, 70.255



91, 12.511, 200.255



91, 12.511, 250.255

Sweetspot

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



91, 12.364, 20.255



97, 3.616, 19.479



92, 21.045, 325.157



51, 2.577, 19.555



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

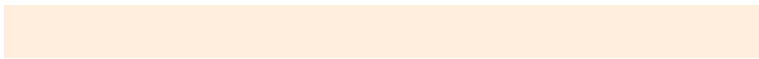
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.364, 20.255



89, 15.171, 20.495



95, 10.589, 73.752



49, 5.253, 19.955



40, 84.228, 40.002



10, 33.364, 27.184

Inverse Universe

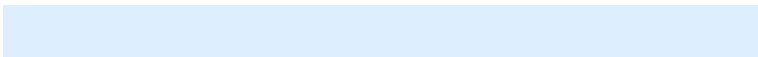
The Inverse Universe completely reimagines the original color for something new.



98, 11.355, 198.761



97, 13.665, 198.607



93, 10.243, 257.253



52, 4.945, 198.976



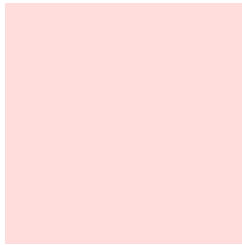
70, 40.356, 196.409



24, 18.566, 196.407

Previews

White Background



This preview shows how the CIELCh color 91, 12.511, 20.255 looks on a white background.

Color Contrast Check

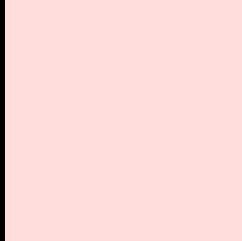
Large Text (above 18pt) WCAG AA × Fail

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, 12.511, 20.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

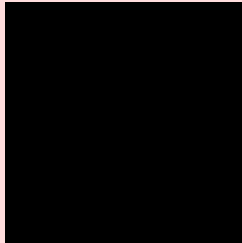
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

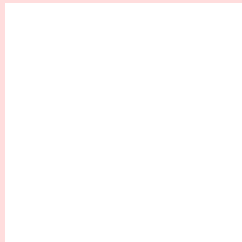
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.511, 20.255

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.511, 20.255.

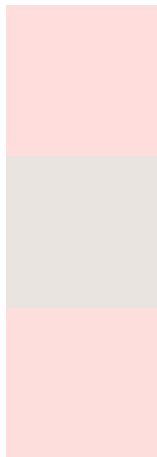


This preview shows how white text looks on a background with the CIELCh color 91, 12.511, 20.255.

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

91, 12.511, 20.255

Protanopia

91, 2.643, 55.184

Deuteranopia

91, 11.781, 22.691



Tritanopia
91, 15.064, 347.227

Trichromacy



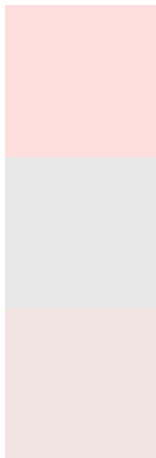
Original Color
91, 12.511, 20.255

Protanomaly
91, 5.892, 29.781

Deuteranomaly
91, 11.781, 22.691

Tritanomaly
91, 13.354, 357.645

Monochromacy



Original Color
91, 12.511, 20.255

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.354, 26.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.511, 20.255 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, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 221)  
}
```

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, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.511, 20.255 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, 221, 221) }
```

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

```
.border{ border-color:rgb(255, 221, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.511, 20.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 221) }
```

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

```
.background{ background-color: rgb(255,  
221, 221) }
```

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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