

Converting Colors

CIELCh(94, 14.913, 20.906)

Have a look what the booklet for
CIELCh(94, 14.913, 20.906) contains.

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Color

CIELCh(93, 9.827, 20.030)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E5
RGB	255, 229, 229
RGB Percent	100%, 90%, 90%
CMY	0.0000, 0.1028, 0.1029
CMYK	0.00, 0.10, 0.10, 0.00
HSL	0°, 100%, 95%
HSV	0°, 10%, 100%
XYZ	83.5985, 82.9670, 85.5696
YIQ	236.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

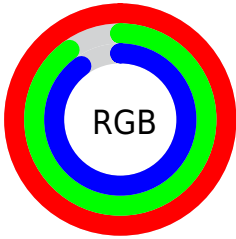
Format	Color
R _Y B	255, 229, 229
Decimal	16770533
CIE Lab	93.00, 9.23, 3.37
CIE LCh	93, 9.827, 20.030
Yxy	82.9670, 0.3316, 0.3291
Android (android.graphics.Color)	4294960613 (0xFFFFE5E5)
YUV	236.7740, -3.8326, 15.9842
Hunter-Lab	91.0862, 4.4256, 8.0613

Details

The CIELCh color **93, 9.827, 20.030** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **98, 8.926, 198.932**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.211, 20.140** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.562, 20.894**, and if you desaturate by 10%, it is **100, 0.256, 16.850**.

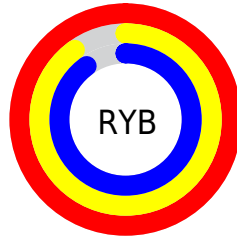
Distribution



Red (100%)

Green (90%)

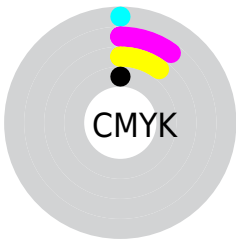
Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)

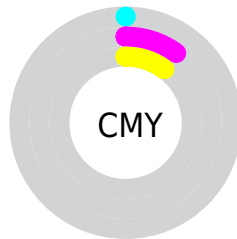


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)

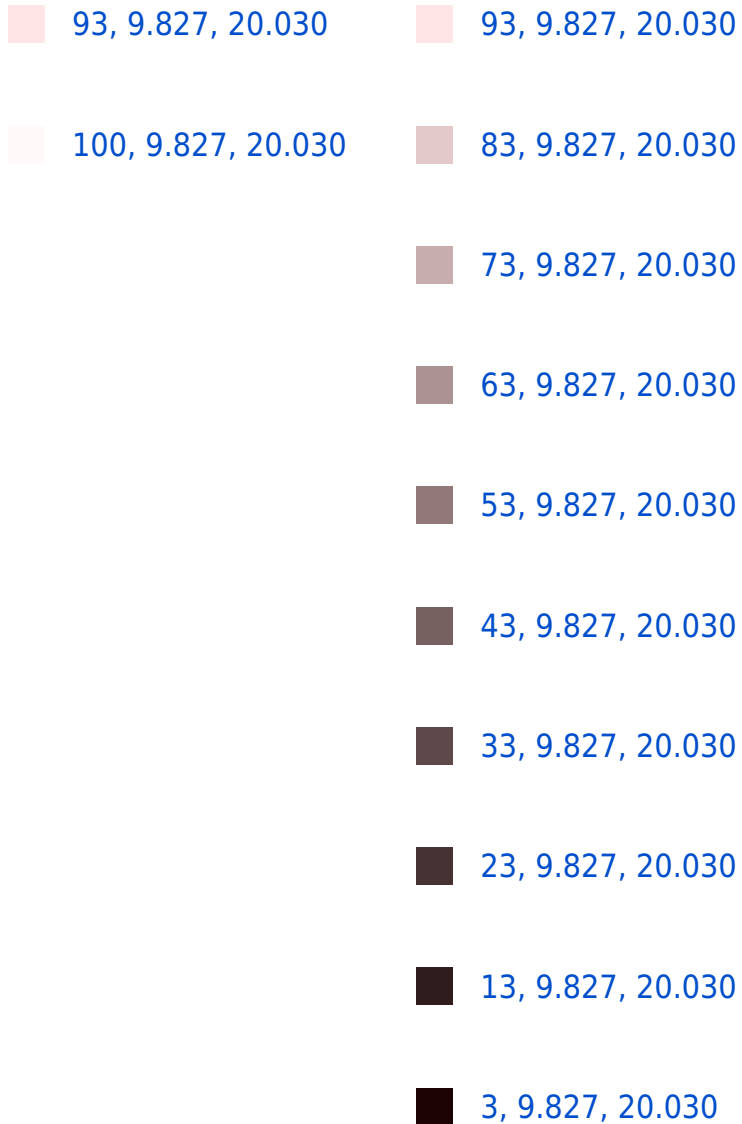
Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.827, 20.030 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 93, 9.827, 20.030 by changing the saturation by 10% instead.



93, 9.827, 20.030

93, 9.827, 20.030

86, 19.562, 20.894

100, 0.256, 16.850

80, 30.350, 21.997

100, 0.012,
296.813

74, 41.833, 23.437

68, 53.848, 25.321

63, 66.110, 27.764

59, 78.209, 30.827

56, 89.547, 34.380

54, 98.956, 37.806

53, 104.573,
40.001

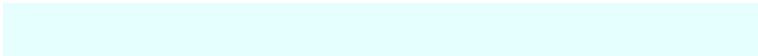
Harmonies

Complementary

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



93, 9.827, 20.030



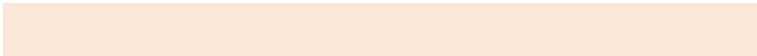
98, 8.926, 198.932

Rectangle

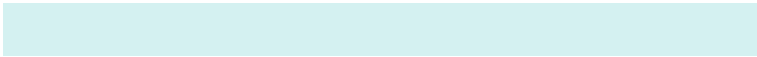
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



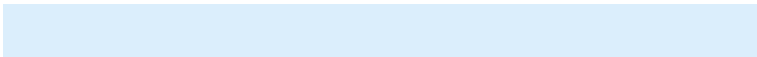
93, 9.827, 20.030



93, 9.827, 70.030



93, 9.827, 200.030



93, 9.827, 250.030

Sweetspot

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



93, 9.532, 20.021



98, 2.702, 19.358



94, 16.391, 324.992



52, 2.054, 19.460



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

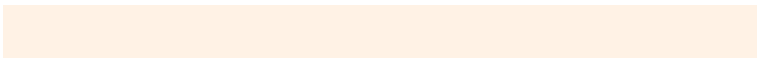
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.532, 20.021



92, 11.198, 20.160



96, 8.202, 74.102



49, 5.253, 19.959



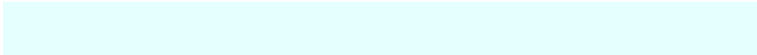
40, 84.227, 40.002



10, 33.363, 27.186

Inverse Universe

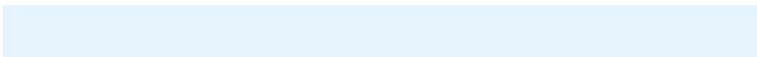
The Inverse Universe completely reimagines the original color for something new.



98, 8.926, 198.932



98, 10.367, 198.832



95, 8.001, 256.835



52, 4.944, 198.979



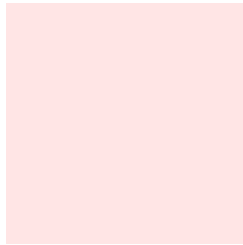
70, 40.354, 196.416



24, 18.565, 196.412

Previews

White Background



This preview shows how the CIELCh color 93, 9.827, 20.030 looks on a white background.

Color Contrast Check

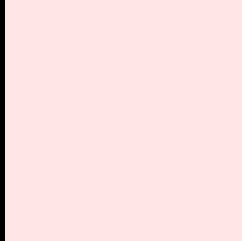
Large Text (above 18pt) WCAG AA × Fail

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 93, 9.827, 20.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

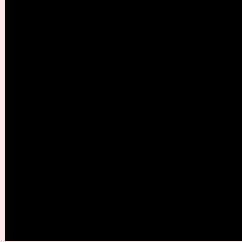
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

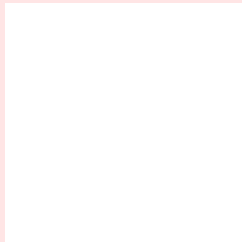
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.827, 20.030

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.827, 20.030.

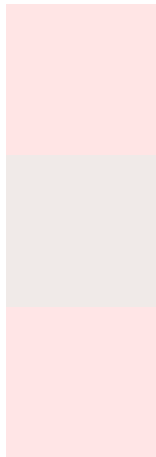


This preview shows how white text looks on a background with the CIELCh color 93, 9.827, 20.030.

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

93, 9.448, 19.999

Protanopia

93, 2.367, 45.015

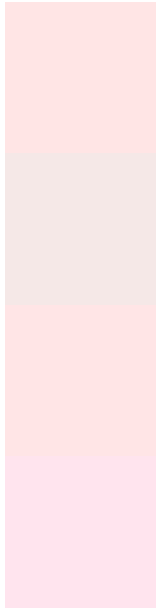
Deuteranopia

93, 9.448, 16.893



Tritanopia
93, 12.962, 340.828

Trichromacy



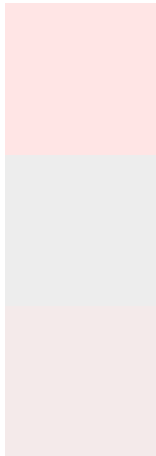
Original Color
93, 9.448, 19.999

Protanomaly
93, 4.699, 25.868

Deuteranomaly
93, 9.448, 16.893

Tritanomaly
93, 10.979, 352.221

Monochromacy



Original Color
93, 9.448, 19.999

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.577, 19.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.827, 20.030 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, 229, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 229)  
}
```

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, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.827, 20.030 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, 229, 229) }
```

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

```
.border{ border-color:rgb(255, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 229); box-shadow:4px 4px 4px 4px rgb(255, 229, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.827, 20.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 229) }
```

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

```
.background{ background-color: rgb(255,  
229, 229) }
```

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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