

Converting Colors

CIELCh(94, 16.587, 20.536)

Have a look what the booklet for
CIELCh(94, 16.587, 20.536) contains.

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Color

CIELCh(92, 10.207, 20.062)

Conversions

Conversions Part 1

Format	Color
Hex	FEE2E2
RGB	254, 226, 226
RGB Percent	100%, 89%, 89%
CMY	0.0053, 0.1149, 0.1149
CMYK	0.00, 0.11, 0.11, 0.01
HSL	0°, 91%, 94%
HSV	0°, 11%, 99%
XYZ	81.5449, 80.7044, 83.0090
YIQ	234.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

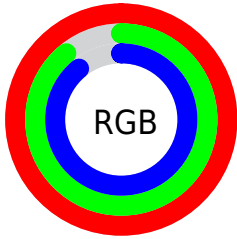
Format	Color
R _Y B	254, 226, 226
Decimal	16704226
CIE Lab	92.00, 9.59, 3.50
CIE LCh	92, 10.207, 20.062
Yxy	80.7044, 0.3325, 0.3291
Android (android.graphics.Color)	4294894306 (0xFFFE2E2)
YUV	234.3720, -4.1274, 17.2138
Hunter-Lab	89.8356, 4.8143, 8.1004

Details

The CIELCh color **92, 10.207, 20.062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 9.510, 198.882**, 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, 10.030, 20.227** is the 20% darker color. If you saturate the color by 10%, you get **85, 20.249, 20.960**, and if you desaturate by 10%, it is **99, 0.913, 18.757**.

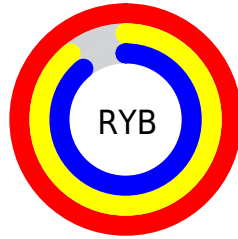
Distribution



Red (100%)

Green (89%)

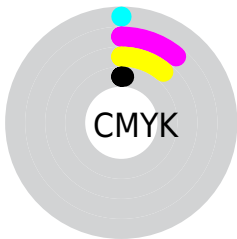
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

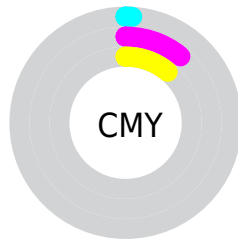


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.207, 20.062 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, 10.207, 20.062 by changing the saturation by 10% instead.

 92, 10.207, 20.062

 92, 10.207, 20.062

 100, 10.207,
20.062

 82, 10.207, 20.062

 72, 10.207, 20.062

 62, 10.207, 20.062

 52, 10.207, 20.062

 42, 10.207, 20.062

 32, 10.207, 20.062

 22, 10.207, 20.062

 12, 10.207, 20.062

 2, 10.207, 20.062

92, 10.207, 20.062

92, 10.207, 20.062

85, 20.249, 20.960

99, 0.913, 18.757

79, 31.046, 22.085

100, 0.466,
200.798

73, 42.526, 23.553

67, 54.519, 25.474

62, 66.732, 27.961

58, 78.747, 31.067

55, 89.949, 34.640

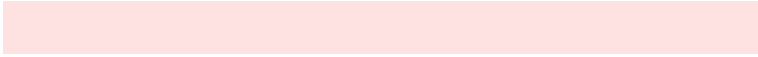
54, 99.102, 38.013

53, 104.157,
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.



92, 10.207, 20.062



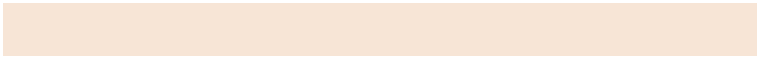
98, 9.510, 198.882

Rectangle

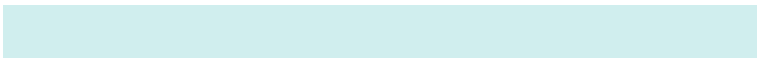
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



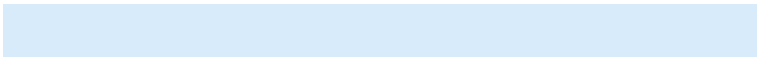
92, 10.207, 20.062



92, 10.207, 70.062



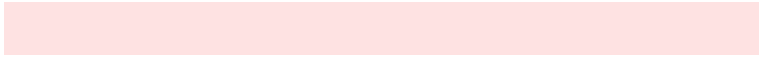
92, 10.207, 200.062



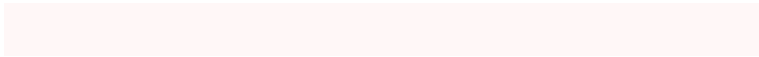
92, 10.207, 250.062

Sweetspot

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



92, 10.205, 20.075



98, 2.702, 19.352



93, 17.502, 325.034



52, 2.054, 19.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

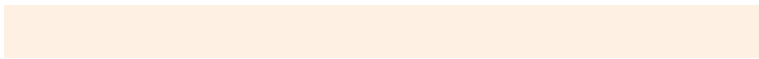
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.205, 20.075



91, 12.181, 20.237



95, 8.770, 74.014



49, 5.253, 19.953



40, 84.228, 40.001



10, 33.365, 27.182

Inverse Universe

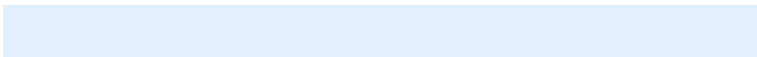
The Inverse Universe completely reimagines the original color for something new.



98, 9.510, 198.882



98, 11.200, 198.768



94, 8.537, 256.939



52, 4.945, 198.973



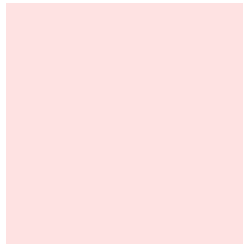
70, 40.358, 196.404



24, 18.567, 196.402

Previews

White Background



This preview shows how the CIELCh color 92, 10.207, 20.062 looks on a white background.

Color Contrast Check

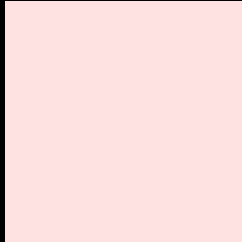
Large Text (above 18pt) WCAG AA × Fail

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, 10.207, 20.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

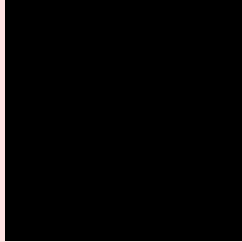
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

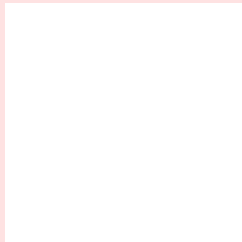
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.207, 20.062

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.207, 20.062.

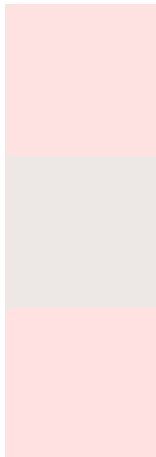


This preview shows how white text looks on a background with the CIELCh color 92, 10.207, 20.062.

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, 10.216, 20.065

Protanopia

92, 2.373, 45.016

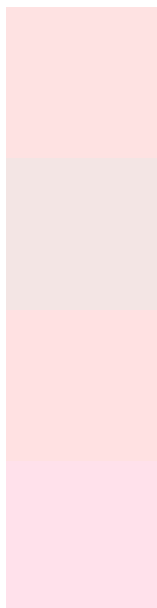
Deuteranopia

92, 10.965, 17.446



Tritanopia
92, 14.143, 342.092

Trichromacy



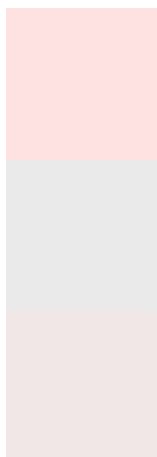
Original Color
92, 10.216, 20.065

Protanomaly
92, 5.074, 25.455

Deuteranomaly
92, 10.965, 17.446

Tritanomaly
92, 11.979, 354.783

Monochromacy



Original Color
92, 10.216, 20.065

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.586, 19.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.207, 20.062 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(254, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 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(254, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.207, 20.062 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(254, 226, 226) }
```

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

```
.border{ border-color:rgb(254, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.207, 20.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 226) }
```

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

```
.background{ background-color: rgb(254,  
226, 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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