

Converting Colors

CIELCh(93, 11.062, 352.602)

Have a look what the booklet for
CIELCh(93, 11.062, 352.602)
contains.

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Color

CIElCh(93, 10.979, 352.221)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4EE
RGB	255, 228, 238
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1056, 0.0664
CMYK	0.00, 0.11, 0.07, 0.00
HSL	338°, 100%, 95%
HSV	338°, 11%, 100%
XYZ	84.4629, 82.9670, 92.4970
YIQ	237.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

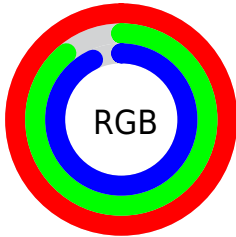
Format	Color
R _Y B	255, 228, 238
Decimal	16770286
CIE Lab	93.00, 10.88, -1.49
CIE LCh	93, 10.979, 352.221
Yxy	82.9670, 0.3249, 0.3192
Android (android.graphics.Color)	4294960366 (0xFFFFE4EE)
YUV	237.2130, 0.3880, 15.5992
Hunter-Lab	91.0862, 6.1194, 3.5521

Details

The CIELCh color `93, 10.979, 352.221` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `98, 10.700, 170.305`, 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, 10.633, 353.089` is the 20% darker color. If you saturate the color by 10%, you get `87, 21.665, 353.269`, and if you desaturate by 10%, it is `100, 0.580, 350.340`.

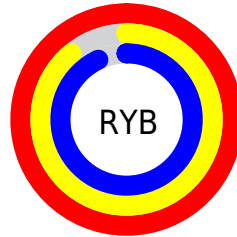
Distribution



Red (100%)

Green (89%)

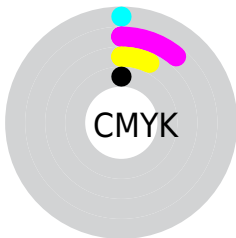
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

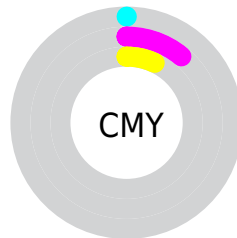


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.979, 352.221 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, 10.979, 352.221 by changing the saturation by 10% instead.


 93, 10.979,
352.221


 93, 10.979,
352.221


 100, 10.979,
352.221


 83, 10.979,
352.221

 73, 10.979,
352.221

 63, 10.979,
352.221

 53, 10.979,
352.221

 43, 10.979,
352.221

 33, 10.979,
352.221

 23, 10.979,

352.221

■ 13, 10.979,
352.221

■ 3, 10.979, 352.221

■ 93, 10.979,
352.221

■ 93, 10.979,
352.221

■ 87, 21.665,
353.269

■ 100, 0.580,
350.340

■ 80, 32.574,
354.519

■ 100, 0.012,
296.813

■ 74, 43.456,
355.990

■ 69, 53.967,
357.765

■ 64, 63.634,
359.958

■ 60, 71.916, 2.724

■ 57, 78.353, 6.244

■ 55, 82.796, 10.683

■ 54, 85.668, 15.653

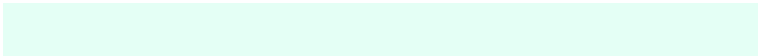
Harmonies

Complementary

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



93, 10.979, 352.221



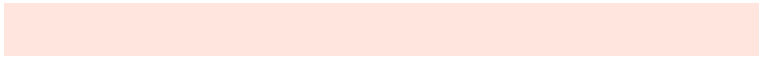
98, 10.700, 170.305

Rectangle

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



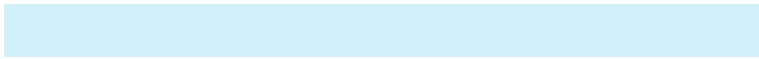
93, 10.979, 352.221



93, 10.979, 42.221



93, 10.979, 172.221



93, 10.979, 222.221

Sweetspot

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



93, 10.957, 352.171



98, 3.074, 351.320



93, 15.137, 313.471



52, 2.333, 351.431



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

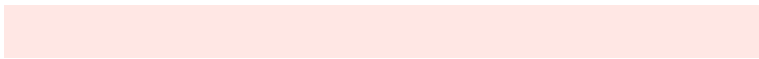
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 10.957, 352.171



91, 13.540, 352.429



94, 8.806, 30.446



50, 5.887, 352.060



41, 68.779, 14.605



10, 31.284, 7.255

Inverse Universe

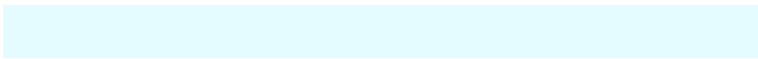
The Inverse Universe completely reimagines the original color for something new.



93, 10.957, 352.171



91, 13.540, 352.429



97, 8.215, 210.286



50, 5.887, 352.060



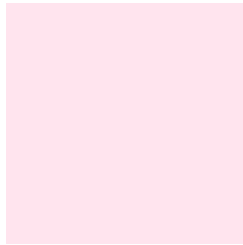
41, 68.779, 14.605



10, 31.284, 7.255

Previews

White Background



This preview shows how the CIELCh color 93, 10.979, 352.221 looks on a white background.

Color Contrast Check

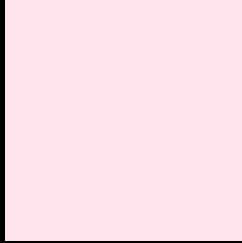
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 10.979, 352.221 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, 10.979, 352.221

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.979, 352.221.

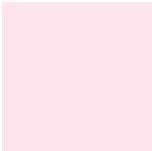
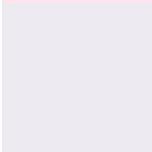



This preview shows how white text looks on a background with the CIELCh color 93, 10.979, 352.221.

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](#).

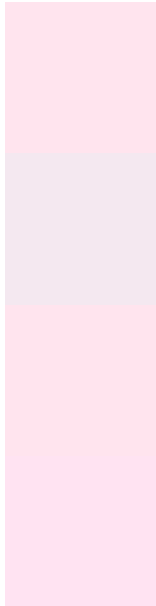
Dichromacy

	Original Color 93, 10.979, 352.221
	Protanopia 93, 3.785, 306.644
	Deuteranopia 93, 10.979, 352.221



Tritanopia
93, 13.289, 339.105

Trichromacy



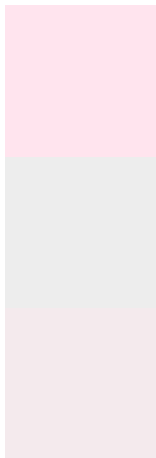
Original Color
93, 10.979, 352.221

Protanomaly
93, 5.960, 335.943

Deuteranomaly
93, 10.979, 352.221

Tritanomaly
93, 12.649, 342.641

Monochromacy



Original Color
93, 10.979, 352.221

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.898, 356.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.979, 352.221 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, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 238)  
}
```

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, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.979, 352.221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

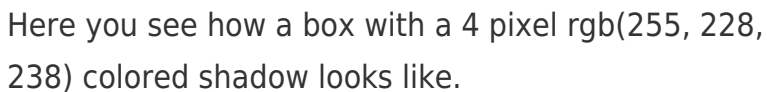
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 228, 238) }
```

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

```
.border{ border-color:rgb(255, 228, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 238); box-shadow:4px 4px 4px 4px rgb(255, 228, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.979, 352.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 238) }
```

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

```
.background{ background-color: rgb(255,  
228, 238) }
```

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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