

Converting Colors

CIELCh(93, 13.091, 62.097)

Have a look what the booklet for
CIELCh(93, 13.091, 62.097) contains.

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Color

CIELCh(93, 12.800, 62.723)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D5
RGB	255, 230, 213
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.0965, 0.1632
CMYK	0.00, 0.10, 0.16, 0.00
HSL	25°, 100%, 92%
HSV	25°, 16%, 100%
XYZ	81.8485, 82.9670, 74.9041
YIQ	235.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

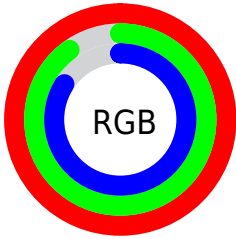
Format	Color
R _Y B	255, 242, 213
Decimal	16770773
CIE Lab	93.00, 5.87, 11.38
CIE LCh	93, 12.800, 62.723
Yxy	82.9670, 0.3414, 0.3461
Android (android.graphics.Color)	4294960853 (0xFFFFE6D5)
YUV	235.5370, -11.1107, 17.0691
Hunter-Lab	91.0862, 0.9961, 15.0037

Details

The CIELCh color **93, 12.800, 62.723** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.864, 246.999**, 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 **73, 12.993, 64.684** is the 20% darker color. If you saturate the color by 10%, you get **89, 21.125, 62.181**, and if you desaturate by 10%, it is **97, 4.763, 64.174**.

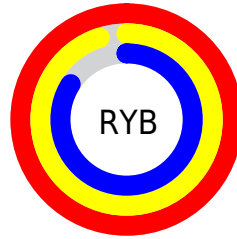
Distribution



Red (100%)

Green (90%)

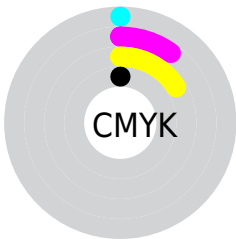
Blue (84%)



Red (100%)

Yellow (95%)

Blue (84%)

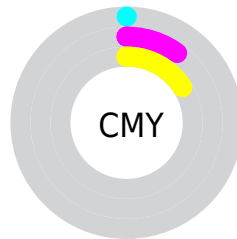


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 12.800, 62.723 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, 12.800, 62.723 by changing the saturation by 10% instead.

 93, 12.800, 62.723

 93, 12.800, 62.723

 100, 12.800,
62.723

 83, 12.800, 62.723

 73, 12.800, 62.723

 63, 12.800, 62.723

 53, 12.800, 62.723

 43, 12.800, 62.723

 33, 12.800, 62.723

 23, 12.800, 62.723

 13, 12.800, 62.723

 3, 12.800, 62.723

93, 12.800, 62.723

93, 12.800, 62.723

89, 21.125, 62.181

97, 4.763, 64.174

85, 30.105, 61.187

100, 0.012,
296.813

81, 39.643, 60.227

77, 49.697, 59.299

73, 60.113, 58.371

70, 70.511, 57.342

67, 80.074, 55.976

64, 87.421, 53.832

63, 89.647, 52.940

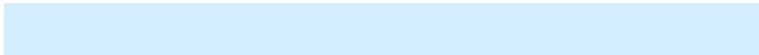
Harmonies

Complementary

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



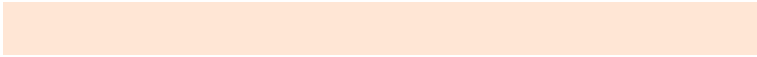
93, 12.800, 62.723



93, 11.864, 246.999

Rectangle

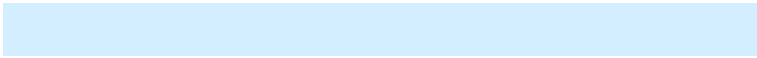
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 12.800, 62.723



93, 12.800, 112.723



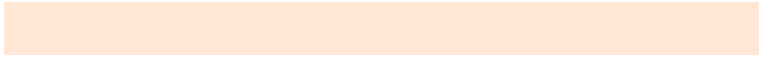
93, 12.800, 242.723



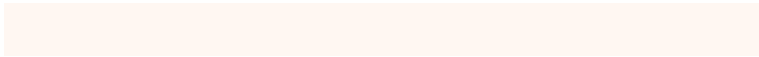
93, 12.800, 292.723

Sweetspot

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



93, 12.690, 63.196



98, 3.751, 64.283



90, 19.742, 339.892



52, 2.565, 64.227



0, 0.000, 0.000



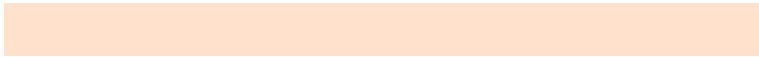
53, 0.007, 296.813

Same Dimension

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



93, 12.690, 63.196



91, 15.732, 62.822



98, 19.046, 104.069



51, 4.327, 63.877



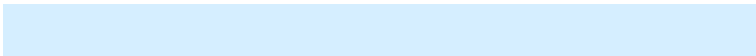
48, 71.805, 53.625



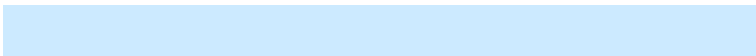
15, 27.394, 53.002

Inverse Universe

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



93, 11.864, 246.999



91, 14.459, 247.538



88, 19.613, 287.744



51, 4.172, 246.113



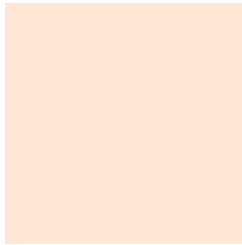
46, 48.398, 273.666



14, 20.193, 266.512

Previews

White Background



This preview shows how the CIELCh color 93, 12.800, 62.723 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, 12.800, 62.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

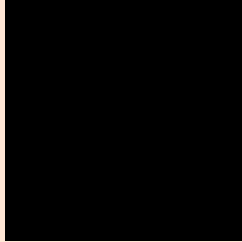
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.800, 62.723

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.800, 62.723.

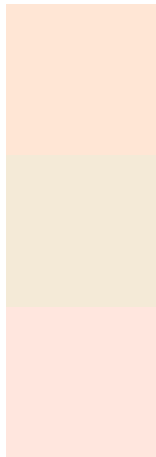


This preview shows how white text looks on a background with the CIELCh color 93, 12.800, 62.723.

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, 12.800, 62.723

Protanopia

93, 10.424, 88.669

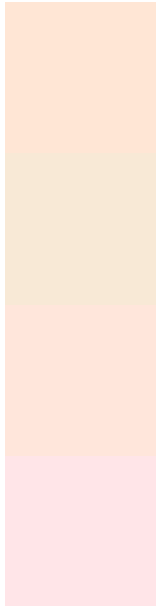
Deuteranopia

93, 10.068, 43.948



Tritanopia
93, 12.051, 343.511

Trichromacy



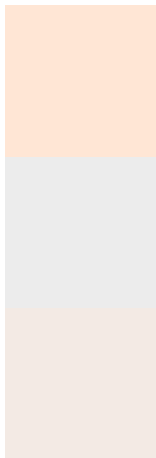
Original Color
93, 12.800, 62.723

Protanomaly
93, 11.229, 79.723

Deuteranomaly
93, 10.834, 51.248

Tritanomaly
93, 9.533, 10.728

Monochromacy



Original Color
93, 12.800, 62.723

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.458, 63.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.800, 62.723 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, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 213)  
}
```

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, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.800, 62.723 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, 230, 213) }
```

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

```
.border{ border-color:rgb(255, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.800, 62.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 213) }
```

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

```
.background{ background-color: rgb(255,  
230, 213) }
```

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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