

Converting Colors

CIELCh(93, 8.802, 80.205)

Have a look what the booklet for
CIELCh(93, 8.802, 80.205) contains.

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Color

CIELCh(93, 8.869, 79.743)

Conversions

Conversions Part 1

Format	Color
Hex	F5E9DA
RGB	245, 233, 218
RGB Percent	96%, 91%, 85%
CMY	0.0381, 0.0852, 0.1441
CMYK	0.00, 0.05, 0.11, 0.04
HSL	33°, 58%, 91%
HSV	33°, 11%, 96%
XYZ	79.6555, 82.9670, 78.3270
YIQ	234.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

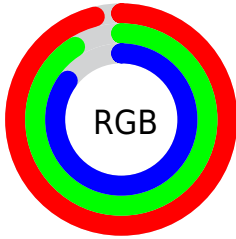
Format	Color
RYP	240, 245, 218
Decimal	16116186
CIELab	93.00, 1.58, 8.73
CIElCh	93, 8.869, 79.743
Yxy	82.9670, 0.3306, 0.3443
Android (android.graphics.Color)	4294306266 (0xFFFF5E9DA)
YUV	234.8780, -8.3209, 8.8770
Hunter-Lab	91.0862, -3.3014, 12.7756

Details

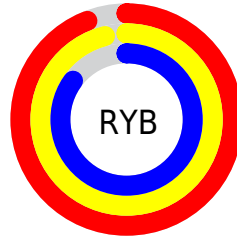
The CIELCh color **93, 8.869, 79.743** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **91, 8.719, 262.746**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 8.896, 77.716** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.254, 78.471**, and if you desaturate by 10%, it is **96, 0.791, 80.599**.

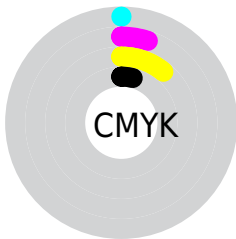
Distribution



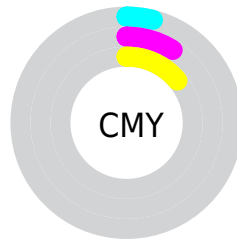
- Red (96%)
- Green (91%)
- Blue (85%)



- Red (94%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.869, 79.743 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, 8.869, 79.743 by changing the saturation by 10% instead.

 93, 8.869, 79.743

 93, 8.869, 79.743

 100, 8.869, 79.743

 83, 8.869, 79.743

 73, 8.869, 79.743

 63, 8.869, 79.743

 53, 8.869, 79.743

 43, 8.869, 79.743

 33, 8.869, 79.743

 23, 8.869, 79.743

 13, 8.869, 79.743

 3, 8.869, 79.743

93, 8.869, 79.743

93, 8.869, 79.743

90, 17.254, 78.471

96, 0.791, 80.599

87, 25.955, 77.139

99, 3.363, 199.389

83, 34.963, 75.774

80, 44.220, 74.376

78, 53.580, 72.923

75, 62.727, 71.358

72, 71.051, 69.555

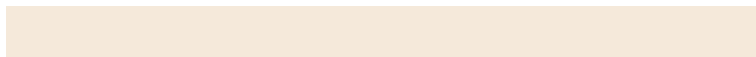
70, 77.564, 67.273

67, 81.365, 64.675

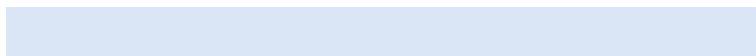
Harmonies

Complementary

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



93, 8.869, 79.743



91, 8.719, 262.746

Rectangle

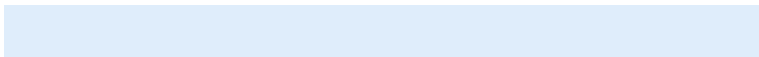
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 8.869, 79.743



93, 8.869, 129.743



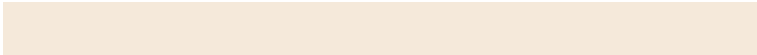
93, 8.869, 259.743



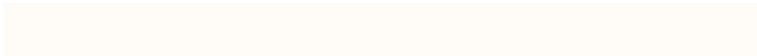
93, 8.869, 309.743

Sweetspot

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



93, 8.870, 79.760



99, 2.451, 80.666



90, 11.616, 347.373



53, 1.862, 80.599



0, 0.000, 0.000



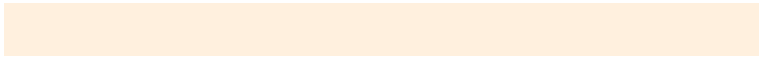
53, 0.007, 296.813

Same Dimension

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



93, 8.870, 79.760



96, 10.850, 79.505



96, 13.781, 111.163



50, 4.557, 79.950



52, 66.004, 65.351



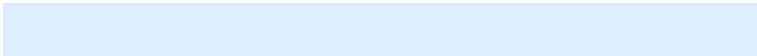
15, 24.757, 67.233

Inverse Universe

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



91, 8.719, 262.746



93, 10.622, 263.045



88, 14.137, 293.209



48, 4.493, 262.528



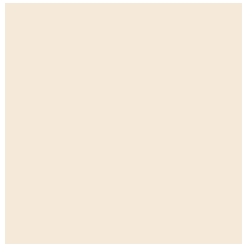
37, 63.607, 289.089



9, 24.470, 282.298

Previews

White Background



This preview shows how the CIELCh color 93, 8.869, 79.743 looks on a white background.

Color Contrast Check

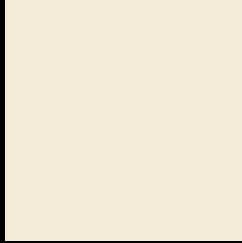
Large Text (above 18pt) WCAG AA × Fail

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, 8.869, 79.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

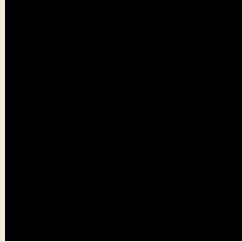
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 8.869, 79.743

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.869, 79.743.

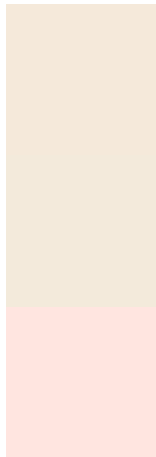


This preview shows how white text looks on a background with the CIELCh color 93, 8.869, 79.743.

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, 8.869, 79.743

Protanopia

93, 8.368, 86.358

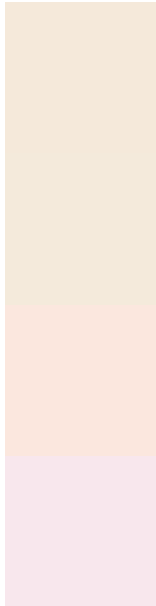
Deuteranopia

93, 9.866, 35.032



Tritanopia
93, 11.709, 327.710

Trichromacy



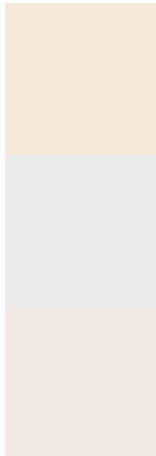
Original Color
93, 8.869, 79.743

Protanomaly
93, 8.519, 84.073

Deuteranomaly
93, 8.663, 51.971

Tritanomaly
93, 6.836, 352.955

Monochromacy



Original Color
93, 8.869, 79.743

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.117, 74.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.869, 79.743 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(245, 233, 218)` looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 218)  
}
```

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(245, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.869, 79.743 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(245, 233, 218) }
```

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

```
.border{ border-color:rgb(245, 233, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.869, 79.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 218) }
```

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

```
.background{ background-color: rgb(245,  
233, 218) }
```

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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