

Converting Colors

CIELCh(93, 6.774, 69.451)

Have a look what the booklet for
CIELCh(93, 6.774, 69.451) contains.

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Color

CIELCh(93, 6.731, 69.234)

Conversions

Conversions Part 1

Format	Color
Hex	F5E9DF
RGB	245, 233, 223
RGB Percent	96%, 91%, 87%
CMY	0.0395, 0.0865, 0.1257
CMYK	0.00, 0.05, 0.09, 0.04
HSL	27°, 52%, 92%
HSV	27°, 9%, 96%
XYZ	80.0655, 82.9670, 81.5615
YIQ	235.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

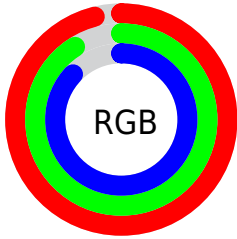
Format	Color
R _Y B	245, 241, 223
Decimal	16116191
CIE Lab	93.00, 2.39, 6.29
CIE LCh	93, 6.731, 69.234
Yxy	82.9670, 0.3273, 0.3392
Android (android.graphics.Color)	4294306271 (0xFF5E9DF)
YUV	235.4480, -6.1369, 8.3771
Hunter-Lab	91.0862, -2.4981, 10.6702

Details

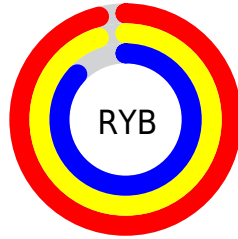
The CIELCh color **93, 6.731, 69.234** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **92, 6.549, 251.550**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.706, 66.050** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.624, 68.129**, and if you desaturate by 10%, it is **97, 0.753, 251.106**.

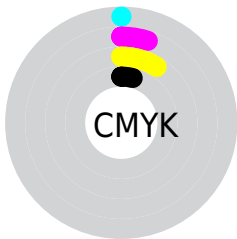
Distribution



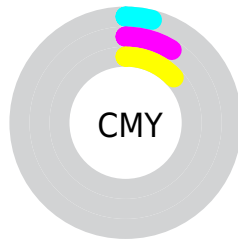
- Red (96%)
- Green (91%)
- Blue (87%)



- Red (96%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.731, 69.234 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, 6.731, 69.234 by changing the saturation by 10% instead.

 93, 6.731, 69.234

 93, 6.731, 69.234

 100, 6.731, 69.234

 83, 6.731, 69.234

 73, 6.731, 69.234

 63, 6.731, 69.234

 53, 6.731, 69.234

 43, 6.731, 69.234

 33, 6.731, 69.234

 23, 6.731, 69.234

 13, 6.731, 69.234

 3, 6.731, 69.234

93, 6.731, 69.234

93, 6.731, 69.234

89, 14.624, 68.129

97, 0.753, 251.106

85, 22.961, 66.975

99, 3.479, 199.375

82, 31.765, 65.823

78, 41.026, 64.679

75, 50.666, 63.531

71, 60.477, 62.332

68, 69.981, 60.956

65, 78.259, 59.139

63, 84.221, 56.557

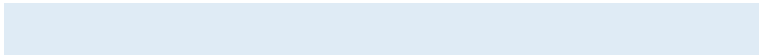
Harmonies

Complementary

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



93, 6.731, 69.234



92, 6.549, 251.550

Rectangle

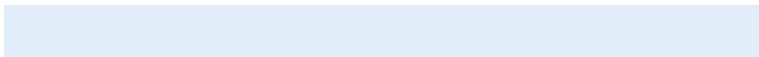
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 6.731, 69.234



93, 6.731, 119.234



93, 6.731, 249.234



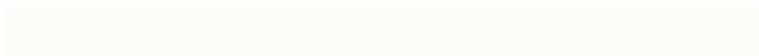
93, 6.731, 299.234

Sweetspot

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



93, 6.731, 69.257



99, 2.282, 69.807



91, 10.090, 341.727



52, 1.735, 69.759



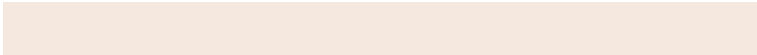
0, 0.000, 0.000



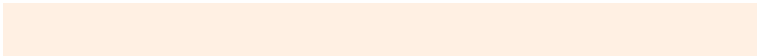
53, 0.007, 296.813

Same Dimension

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



93, 6.731, 69.257



96, 8.566, 69.033



96, 10.672, 107.192



49, 4.264, 69.202



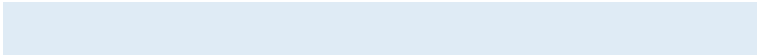
48, 68.687, 56.997



14, 24.720, 56.829

Inverse Universe

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



92, 6.549, 251.550



95, 8.271, 251.817



90, 10.879, 289.075



49, 4.140, 251.614



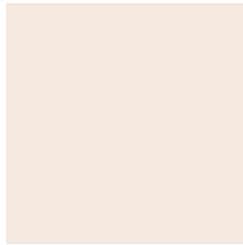
43, 52.036, 279.284



12, 20.466, 271.629

Previews

White Background



This preview shows how the CIELCh color 93, 6.731, 69.234 looks on a white background.

Color Contrast Check

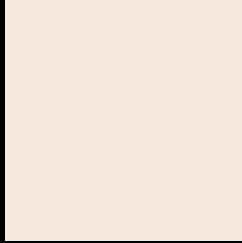
Large Text (above 18pt) WCAG AA × Fail

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, 6.731, 69.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

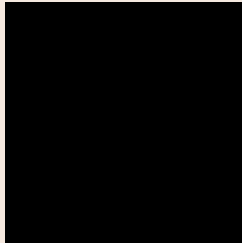
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

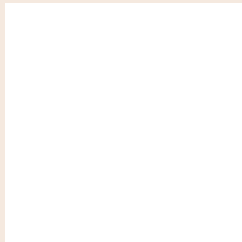
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.731, 69.234

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.731, 69.234.

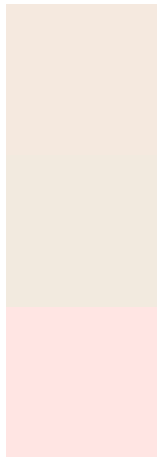


This preview shows how white text looks on a background with the CIELCh color 93, 6.731, 69.234.

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, 6.731, 69.234

Protanopia

93, 6.340, 82.405

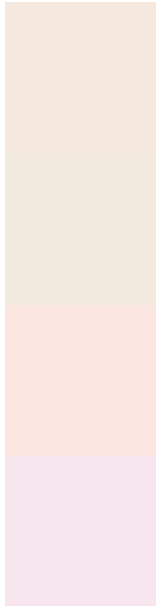
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 11.500, 326.288

Trichromacy



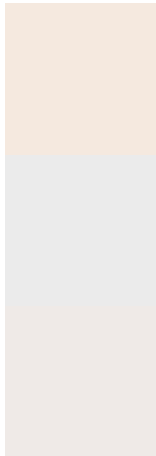
Original Color
93, 6.731, 69.234

Protanomaly
93, 6.514, 79.536

Deuteranomaly
93, 7.914, 34.866

Tritanomaly
93, 7.359, 345.789

Monochromacy



Original Color
93, 6.731, 69.234

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.346, 60.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.731, 69.234 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.731, 69.234 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, 223) }
```

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

```
.border{ border-color:rgb(245, 233, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.731, 69.234 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, 223) }
```

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

```
.background{ background-color: rgb(245,  
233, 223) }
```

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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