

Converting Colors

CIELCh(93, 6.684, 58.536)

Have a look what the booklet for
CIELCh(93, 6.684, 58.536) contains.

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Color

CIELCh(93, 6.825, 56.624)

Conversions

Conversions Part 1

Format	Color
Hex	F7E8E0
RGB	247, 232, 224
RGB Percent	97%, 91%, 88%
CMY	0.0309, 0.0897, 0.1211
CMYK	0.00, 0.06, 0.09, 0.03
HSL	21°, 59%, 92%
HSV	21°, 9%, 97%
XYZ	80.7634, 82.9670, 82.3647
YIQ	235.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

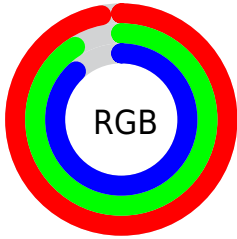
Format	Color
R _Y B	247, 236, 224
Decimal	16247008
CIE Lab	93.00, 3.75, 5.70
CIE LCh	93, 6.825, 56.624
Yxy	82.9670, 0.3282, 0.3371
Android (android.graphics.Color)	4294437088 (0xFF7E8E0)
YUV	235.5730, -5.7055, 10.0215
Hunter-Lab	91.0862, -1.1304, 10.1474

Details

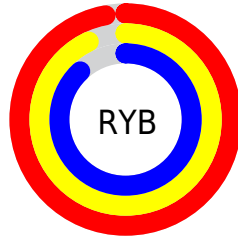
The CIELCh color $93, 6.825, 56.624$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $94, 6.529, 238.490$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $73, 6.906, 52.921$ is the 20% darker color. If you saturate the color by 10%, you get $88, 14.670, 55.872$, and if you desaturate by 10%, it is $98, 0.497, 238.711$.

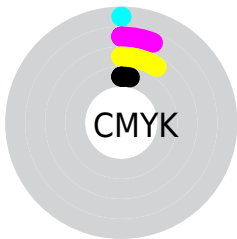
Distribution



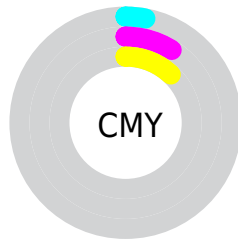
- Red (97%)
- Green (91%)
- Blue (88%)



- Red (97%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (3%)














- Cyan (3%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.825, 56.624 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, 6.825, 56.624 by changing the saturation by 10% instead.

 93, 6.825, 56.624	 93, 6.825, 56.624
 100, 6.825, 56.624	 83, 6.825, 56.624
	 73, 6.825, 56.624
	 63, 6.825, 56.624
	 53, 6.825, 56.624
	 43, 6.825, 56.624
	 33, 6.825, 56.624
	 23, 6.825, 56.624
	 13, 6.825, 56.624
	 3, 6.825, 56.624

93, 6.825, 56.624

93, 6.825, 56.624

88, 14.670, 55.872

98, 0.497, 238.711

84, 23.092, 55.117

99, 2.727, 199.475

80, 32.131, 54.424

76, 41.797, 53.808

72, 52.038, 53.269

68, 62.677, 52.768

64, 73.264, 52.177

61, 82.832, 51.183

59, 90.057, 49.395

Harmonies

Complementary

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



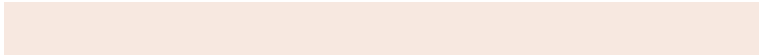
93, 6.825, 56.624



94, 6.529, 238.490

Rectangle

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



93, 6.825, 56.624



93, 6.825, 106.624



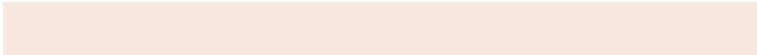
93, 6.825, 236.624



93, 6.825, 286.624

Sweetspot

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



93, 6.825, 56.647



99, 2.204, 57.003



91, 11.438, 336.292



52, 1.677, 56.990



0, 0.000, 0.000



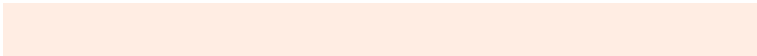
53, 0.007, 296.813

Same Dimension

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



93, 6.825, 56.647



95, 8.324, 56.518



96, 9.875, 101.285



49, 4.138, 56.634



45, 72.717, 49.922



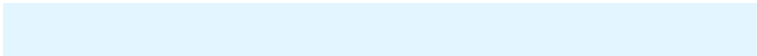
12, 25.516, 46.745

Inverse Universe

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



94, 6.529, 238.490



96, 7.890, 238.660



91, 10.011, 283.443



49, 3.955, 238.506



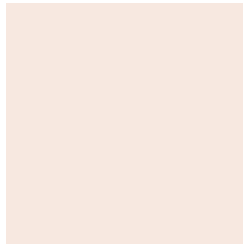
49, 42.032, 264.552



14, 17.246, 256.522

Previews

White Background



This preview shows how the CIELCh color 93, 6.825, 56.624 looks on a white background.

Color Contrast Check

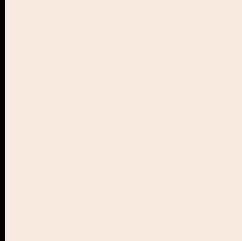
Large Text (above 18pt) WCAG AA × Fail

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, 6.825, 56.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

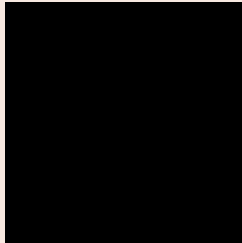
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

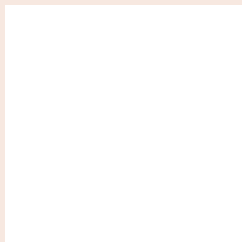
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.825, 56.624

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.825, 56.624.

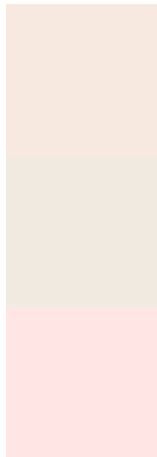


This preview shows how white text looks on a background with the CIELCh color 93, 6.825, 56.624.

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, 6.825, 56.624

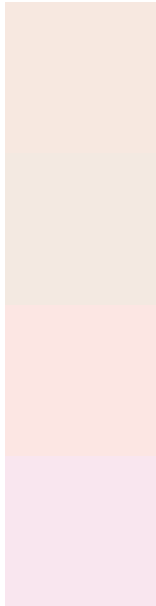
Protanopia
93, 5.256, 80.962

Deuteranopia
93, 9.477, 23.095



Tritanopia
93, 11.925, 329.085

Trichromacy



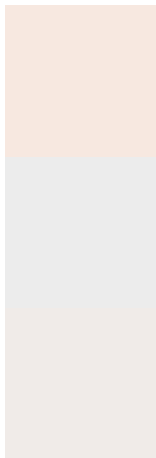
Original Color
93, 6.825, 56.624

Protanomaly
93, 5.464, 68.247

Deuteranomaly
93, 8.147, 30.755

Tritanomaly
93, 8.237, 345.687

Monochromacy



Original Color
93, 6.825, 56.624

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.344, 60.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.825, 56.624 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(247, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 224)  
}
```

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(247, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.825, 56.624 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(247, 232, 224) }
```

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

```
.border{ border-color:rgb(247, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.825, 56.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 224) }
```

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

```
.background{ background-color: rgb(247,  
232, 224) }
```

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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