

Converting Colors

CIELCh(93, 8.490, 106.114)

Have a look what the booklet for
CIELCh(93, 8.490, 106.114) contains.

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Color

CIELCh(93, 8.736, 107.085)

Conversions

Conversions Part 1

Format	Color
Hex	EDECDB
RGB	237, 236, 219
RGB Percent	93%, 93%, 86%
CMY	0.0713, 0.0752, 0.1419
CMYK	0.00, 0.00, 0.08, 0.07
HSL	57°, 33%, 89%
HSV	57°, 8%, 93%
XYZ	77.5724, 82.9670, 78.8221
YIQ	234.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

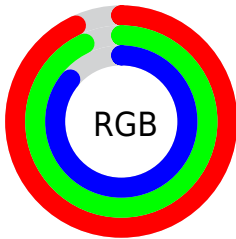
Format	Color
R_{YB}	220, 237, 219
Decimal	15592667
CIE Lab	93.00, -2.57, 8.35
CIE LCh	93, 8.736, 107.085
Yxy	82.9670, 0.3241, 0.3466
Android (android.graphics.Color)	4293782747 (0xFFEDECDB)
YUV	234.3610, -7.5730, 2.3144
Hunter-Lab	91.0862, -7.3838, 12.4534

Details

The CIELCh color **93, 8.736, 107.085** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88, 8.885, 288.689**, 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, 8.650, 106.773** is the 20% darker color. If you saturate the color by 10%, you get **92, 20.224, 106.079**, and if you desaturate by 10%, it is **94, 2.775, 288.147**.

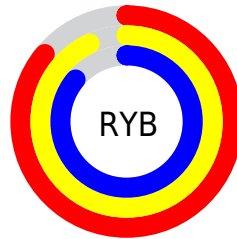
Distribution



Red (93%)

Green (93%)

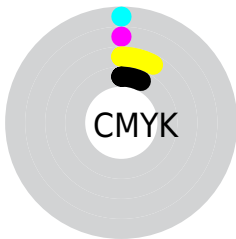
Blue (86%)



Red (86%)

Yellow (93%)

Blue (86%)

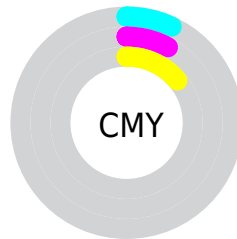


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (8%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.736, 107.085 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, 8.736, 107.085 by changing the saturation by 10% instead.

 93, 8.736, 107.085

 93, 8.736, 107.085

 100, 8.736,
107.085

 83, 8.736, 107.085

 73, 8.736, 107.085

 63, 8.736, 107.085

 53, 8.736, 107.085

 43, 8.736, 107.085

 33, 8.736, 107.085

 23, 8.736, 107.085

 13, 8.736, 107.085

 3, 8.736, 107.085

93, 8.736, 107.085

93, 8.736, 107.085

92, 20.224,
106.079

94, 2.775, 288.147

91, 31.613,
105.047

95, 8.529, 287.106

91, 42.795,
104.021

95, 7.886, 283.470

90, 53.590,
103.020

95, 7.281, 279.218

89, 63.714,
102.067

96, 6.723, 274.240

89, 72.741,
101.190

96, 6.224, 268.425

88, 80.093,
100.420

96, 5.800, 261.692

88, 85.146, 99.781

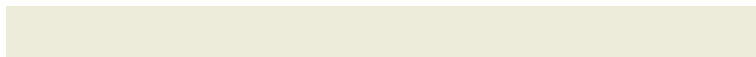
97, 5.467, 254.033

97, 5.242, 245.566

Harmonies

Complementary

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



93, 8.736, 107.085



88, 8.885, 288.689

Rectangle

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



93, 8.736, 107.085



93, 8.736, 157.085



93, 8.736, 287.085



93, 8.736, 337.085

Sweetspot

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



93, 8.738, 107.096



100, 2.434, 107.629



89, 6.583, 14.371



53, 1.383, 107.637



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, 8.738, 107.096



99, 10.989, 106.952



93, 9.699, 126.359



49, 6.483, 106.909



69, 71.986, 99.227



20, 29.185, 100.397

Inverse Universe

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



88, 8.885, 288.689



93, 11.201, 288.851



88, 9.828, 307.061



45, 6.613, 288.900



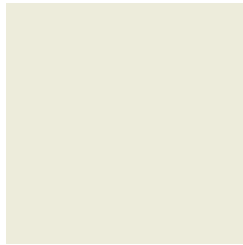
22, 100.956, 305.608



3, 34.360, 296.727

Previews

White Background



This preview shows how the CIELCh color 93, 8.736, 107.085 looks on a white background.

Color Contrast Check

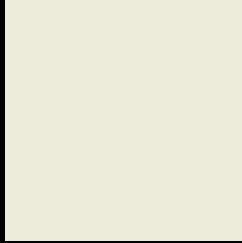
Large Text (above 18pt) WCAG AA × Fail

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, 8.736, 107.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

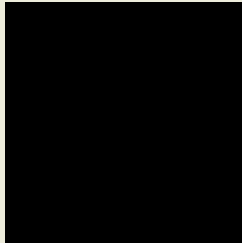
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

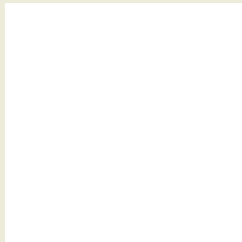
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.736, 107.085

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.736, 107.085.

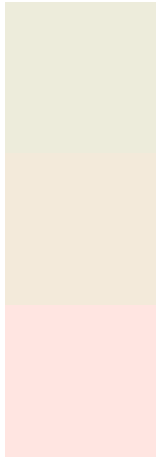


This preview shows how white text looks on a background with the CIELCh color 93, 8.736, 107.085.

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, 8.736, 107.085

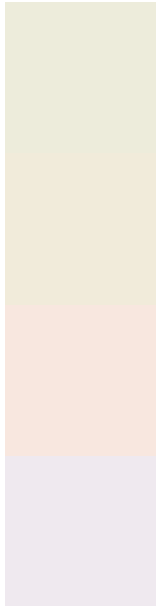
Protanopia
93, 8.846, 87.600

Deuteranopia
93, 9.728, 32.147



Tritanopia
93, 10.463, 310.301

Trichromacy



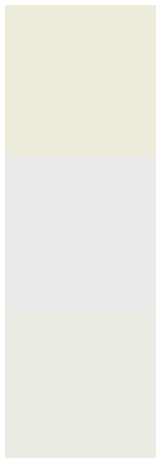
Original Color
93, 8.736, 107.085

Protanomaly
93, 8.993, 95.331

Deuteranomaly
93, 7.436, 53.219

Tritanomaly
93, 3.781, 324.502

Monochromacy



Original Color
93, 8.736, 107.085

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.595, 109.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.736, 107.085 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(237, 236, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 236, 219)  
}
```

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(237, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 236, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.736, 107.085 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(237, 236, 219) }
```

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

```
.border{ border-color:rgb(237, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 236,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.736, 107.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 236, 219) }
```

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

```
.background{ background-color: rgb(237,  
236, 219) }
```

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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