

Converting Colors

CIELCh(93, 5.340, 108.428)

Have a look what the booklet for
CIELCh(93, 5.340, 108.428) contains.

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Color

CIELCh(93, 5.649, 109.717)

Conversions

Conversions Part 1

Format	Color
Hex	ECECE1
RGB	236, 236, 225
RGB Percent	93%, 93%, 88%
CMY	0.0759, 0.0759, 0.1191
CMYK	0.00, 0.00, 0.05, 0.08
HSL	60°, 22%, 90%
HSV	60°, 5%, 92%
XYZ	77.9019, 82.9670, 82.8833
YIQ	234.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

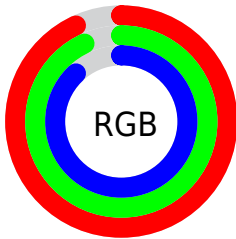
Format	Color
R _Y B	225, 236, 225
Decimal	15527137
CIE Lab	93.00, -1.91, 5.32
CIE LCh	93, 5.649, 109.717
Yxy	82.9670, 0.3196, 0.3404
Android (android.graphics.Color)	4293717217 (0xFFECECE1)
YUV	234.7460, -4.8048, 1.0998
Hunter-Lab	91.0862, -6.7380, 9.8099

Details

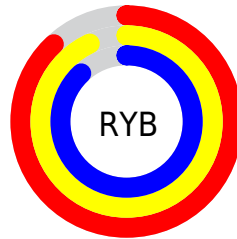
The CIELCh color **93, 5.649, 109.717** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.728, 290.671**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.403, 109.642** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.738, 108.770**, and if you desaturate by 10%, it is **94, 6.482, 290.712**.

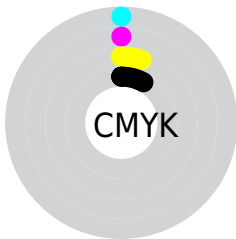
Distribution



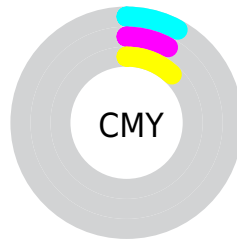
- Red (93%)
- Green (93%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.649, 109.717 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, 5.649, 109.717 by changing the saturation by 10% instead.

93, 5.649, 109.717

93, 5.649, 109.717

100, 5.649,
109.717

83, 5.649, 109.717

73, 5.649, 109.717

63, 5.649, 109.717

53, 5.649, 109.717

43, 5.649, 109.717

33, 5.649, 109.717

23, 5.649, 109.717

13, 5.649, 109.717

3, 5.649, 109.717

93, 5.649, 109.717

93, 5.649, 109.717

92, 17.738,
108.770

94, 6.482, 290.712

92, 29.708,
107.796

94, 9.984, 290.992

92, 41.450,
106.834

94, 9.984, 291.011

91, 52.793,
105.907

94, 9.984, 291.049

91, 63.471,
105.043

94, 9.984, 291.068

91, 73.092,
104.276

94, 9.984, 291.105

91, 81.128,
103.649

94, 9.984, 291.124

91, 86.999,
103.199

■ 91, 90.320,
102.949

Harmonies

Complementary

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



93, 5.649, 109.717



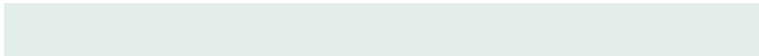
90, 5.728, 290.671

Rectangle

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



93, 5.649, 109.717



93, 5.649, 159.717



93, 5.649, 289.717



93, 5.649, 339.717

Sweetspot

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



93, 5.651, 109.733



100, 1.282, 110.038



90, 3.969, 19.533



53, 0.729, 110.040



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, 5.651, 109.733



100, 7.745, 109.605



93, 6.013, 128.887



49, 4.797, 109.548



71, 74.937, 102.877



21, 30.655, 103.487

Inverse Universe

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



90, 5.728, 290.671



95, 7.867, 290.809



90, 6.069, 309.252



46, 4.878, 290.872



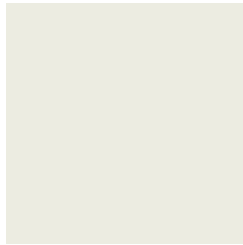
21, 103.473, 306.288



2, 35.735, 297.760

Previews

White Background



This preview shows how the CIELCh color 93, 5.649, 109.717 looks on a white background.

Color Contrast Check

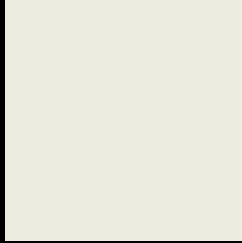
Large Text (above 18pt) WCAG AA × Fail

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, 5.649, 109.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

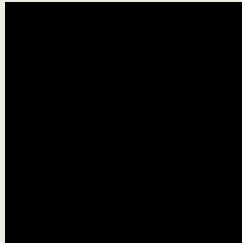
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

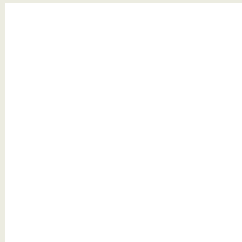
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.649, 109.717

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.649, 109.717.

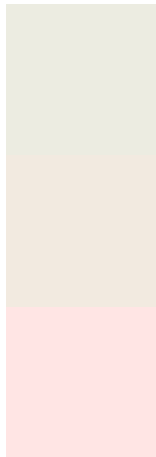


This preview shows how white text looks on a background with the CIELCh color 93, 5.649, 109.717.

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

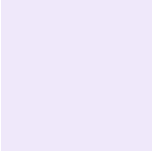
93, 5.649, 109.717

Protanopia

93, 5.884, 80.183

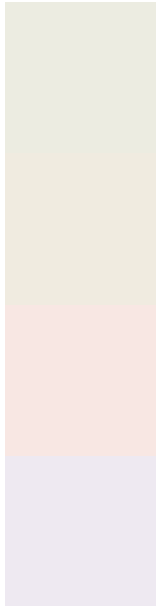
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 9.648, 305.455

Trichromacy



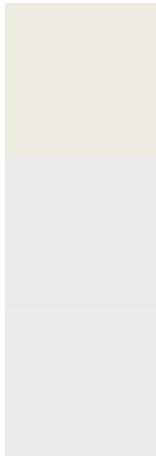
Original Color
93, 5.649, 109.717

Protanomaly
93, 5.920, 91.892

Deuteranomaly
93, 6.492, 38.156

Tritanomaly
93, 4.518, 313.408

Monochromacy



Original Color
93, 5.649, 109.717

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.050, 109.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.649, 109.717 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(236, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 225)  
}
```

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(236, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.649, 109.717 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(236, 236, 225) }
```

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

```
.border{ border-color:rgb(236, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.649, 109.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 225) }
```

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

```
.background{ background-color: rgb(236,  
236, 225) }
```

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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