

Converting Colors

CIELCh(93, 7.558, 124.286)

Have a look what the booklet for
CIELCh(93, 7.558, 124.286) contains.

CIELCh(93, 7.432, 123.635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 7.432, 123.635)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDDF
RGB	232, 237, 223
RGB Percent	91%, 93%, 87%
CMY	0.0906, 0.0710, 0.1259
CMYK	0.02, 0.00, 0.06, 0.07
HSL	81°, 28%, 90%
HSV	81°, 6%, 93%
XYZ	76.8029, 82.9670, 81.7043
YIQ	233.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

Format	Color
R _Y B	223, 237, 228
Decimal	15265247
CIE Lab	93.00, -4.12, 6.19
CIE LCh	93, 7.432, 123.635
Yxy	82.9670, 0.3181, 0.3436
Android (android.graphics.Color)	4293455327 (0xFFE8EDDF)
YUV	233.9090, -5.3781, -1.6742
Hunter-Lab	91.0862, -8.8916, 10.5772

Details

The CIELCh color **93, 7.432, 123.635** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 7.528, 304.242**, 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, 7.297, 124.597** is the 20% darker color. If you saturate the color by 10%, you get **92, 20.022, 123.099**, and if you desaturate by 10%, it is **94, 5.155, 304.130**.

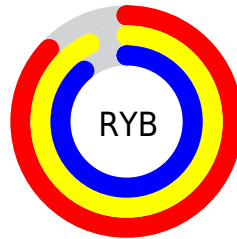
Distribution



Red (91%)

Green (93%)

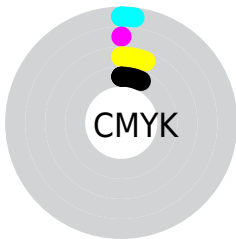
Blue (87%)



Red (87%)

Yellow (93%)

Blue (89%)

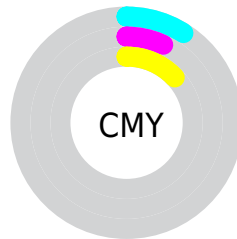


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.432, 123.635 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, 7.432, 123.635 by changing the saturation by 10% instead.

 93, 7.432, 123.635

 93, 7.432, 123.635

 100, 7.432,
123.635

 83, 7.432, 123.635

 73, 7.432, 123.635

 63, 7.432, 123.635

 53, 7.432, 123.635

 43, 7.432, 123.635

 33, 7.432, 123.635

 23, 7.432, 123.635

 13, 7.432, 123.635

 3, 7.432, 123.635

93, 7.432, 123.635

93, 7.432, 123.635

92, 20.022,
123.099

94, 5.155, 304.130

91, 32.523,
122.550

95, 10.237,
314.697

90, 44.816,
122.010

96, 11.292,
324.807


89, 56.722,
121.513

88, 67.972,
121.111

87, 78.180,
120.881

87, 86.830,
120.928

86, 93.362,
121.375

 86, 97.430,
122.312

Harmonies

Complementary

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



93, 7.432, 123.635



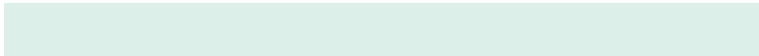
90, 7.528, 304.242

Rectangle

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



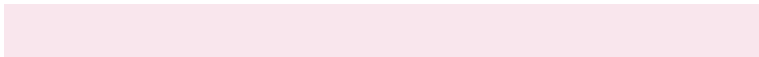
93, 7.432, 123.635



93, 7.432, 173.635



93, 7.432, 303.635



93, 7.432, 353.635

Sweetspot

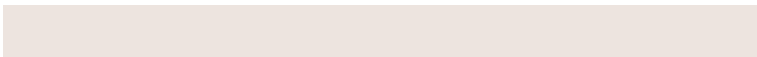
The Sweet Spot groups the original color and five complimentary colors.



93, 7.434, 123.643



100, 2.662, 123.867



91, 4.138, 57.127



53, 1.513, 123.874



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

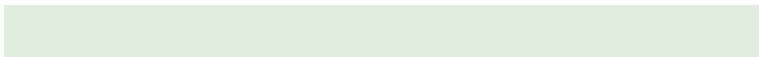
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.434, 123.643



99, 9.349, 123.582



93, 8.418, 140.033



49, 5.673, 123.553



67, 80.468, 122.510



20, 32.354, 121.699

Inverse Universe

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



90, 7.528, 304.242



95, 9.480, 304.306



90, 8.453, 320.528



46, 5.757, 304.337



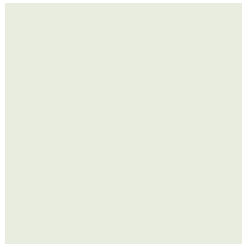
25, 99.356, 309.165



4, 36.937, 306.935

Previews

White Background



This preview shows how the CIELCh color 93, 7.432, 123.635 looks on a white background.

Color Contrast Check

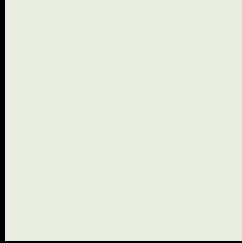
Large Text (above 18pt) WCAG AA × Fail

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, 7.432, 123.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

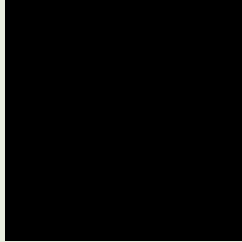
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

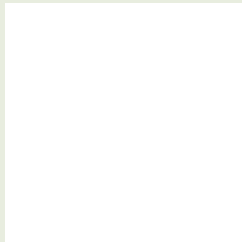
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.432, 123.635

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.432, 123.635.

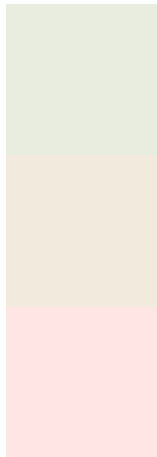


This preview shows how white text looks on a background with the CIELCh color 93, 7.432, 123.635.

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, 7.432, 123.635

Protanopia

93, 7.274, 85.984

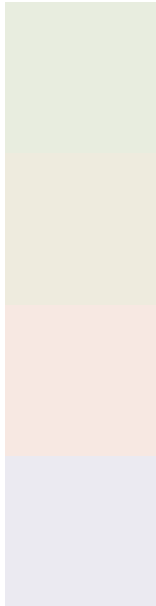
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 9.374, 297.245

Trichromacy



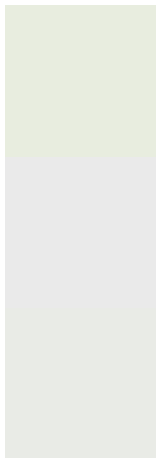
Original Color
93, 7.432, 123.635

Protanomaly
93, 6.759, 100.364

Deuteranomaly
93, 6.246, 49.190

Tritanomaly
93, 3.643, 296.004

Monochromacy



Original Color
93, 7.432, 123.635

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.671, 125.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.432, 123.635 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(232, 237, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 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(232, 237, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.432, 123.635 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(232, 237, 223) }
```

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

```
.border{ border-color:rgb(232, 237, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 237, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.432, 123.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 223) }
```

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

```
.background{ background-color: rgb(232,  
237, 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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