

Converting Colors

CIE LCh(93, 8.211, 124.430)

Have a look what the booklet for
CIELCh(93, 8.211, 124.430) contains.

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Color

CIELCh(93, 8.027, 125.204)

Conversions

Conversions Part 1

Format	Color
Hex	E7EDDE
RGB	231, 237, 222
RGB Percent	91%, 93%, 87%
CMY	0.0934, 0.0699, 0.1287
CMYK	0.03, 0.00, 0.06, 0.07
HSL	84°, 30%, 90%
HSV	84°, 6%, 93%
XYZ	76.5505, 82.9670, 81.2048
YIQ	233.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

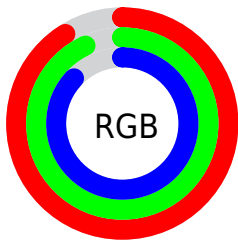
Format	Color
R _Y B	222, 237, 228
Decimal	15199710
CIE Lab	93.00, -4.63, 6.56
CIE LCh	93, 8.027, 125.204
Yxy	82.9670, 0.3180, 0.3447
Android (android.graphics.Color)	4293389790 (0xFFE7EDDE)
YUV	233.4960, -5.6675, -2.1890
Hunter-Lab	91.0862, -9.3864, 10.9024

Details

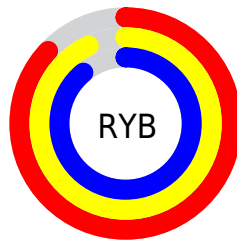
The CIELCh color **93, 8.027, 125.204** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 8.129, 305.813**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.927, 126.186** is the 20% darker color. If you saturate the color by 10%, you get **92, 20.737, 124.695**, and if you desaturate by 10%, it is **94, 4.670, 305.662**.

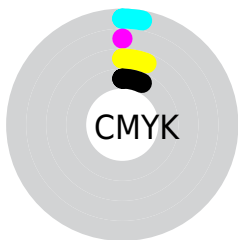
Distribution



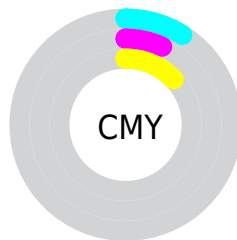
- Red (91%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.027, 125.204 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, 8.027, 125.204 by changing the saturation by 10% instead.

 93, 8.027, 125.204

 93, 8.027, 125.204

 100, 8.027,
125.204

 83, 8.027, 125.204

 73, 8.027, 125.204

 63, 8.027, 125.204

 53, 8.027, 125.204

 43, 8.027, 125.204

 33, 8.027, 125.204

 23, 8.027, 125.204

 13, 8.027, 125.204

 3, 8.027, 125.204

93, 8.027, 125.204

93, 8.027, 125.204

92, 20.737,
124.695

94, 4.670, 305.662

91, 33.364,
124.171

95, 10.263,
316.891

90, 45.787,
123.655

96, 11.118,
324.800

89, 57.820,
123.182

88, 69.190,
122.804

87, 79.505,
122.601

86, 88.245,
122.685

86, 94.852,
123.181

■ 85, 99.000,
124.177

Harmonies

Complementary

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



93, 8.027, 125.204



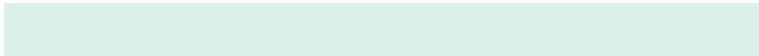
89, 8.129, 305.813

Rectangle

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



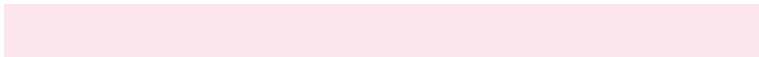
93, 8.027, 125.204



93, 8.027, 175.204



93, 8.027, 305.204



93, 8.027, 355.204

Sweetspot

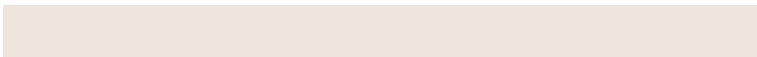
The Sweet Spot groups the original color and five complimentary colors.



93, 8.029, 125.211



100, 2.682, 125.449



91, 4.483, 63.138



53, 1.525, 125.456



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, 8.029, 125.211



99, 10.771, 125.123



92, 9.165, 141.422



50, 7.278, 125.049



68, 82.470, 124.346



21, 34.115, 123.262

Inverse Universe

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



89, 8.129, 305.813



94, 10.928, 305.904



90, 9.197, 321.993



46, 7.399, 305.983



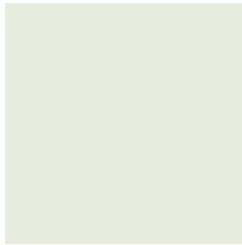
26, 99.563, 309.875



4, 39.216, 308.939

Previews

White Background



This preview shows how the CIELCh color 93, 8.027, 125.204 looks on a white background.

Color Contrast Check

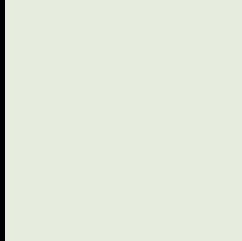
Large Text (above 18pt) WCAG AA × Fail

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, 8.027, 125.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

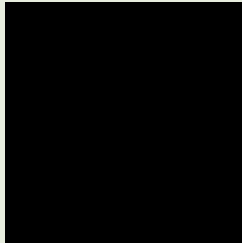
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

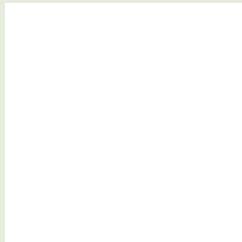
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.027, 125.204

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.027, 125.204.

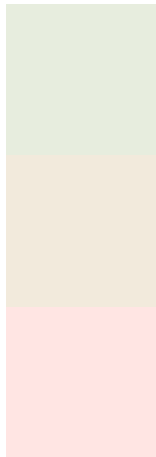


This preview shows how white text looks on a background with the CIELCh color 93, 8.027, 125.204.

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, 8.027, 125.204

Protanopia

93, 7.751, 87.439

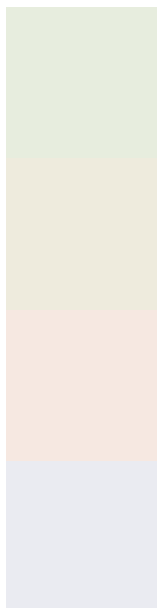
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 9.374, 297.245

Trichromacy



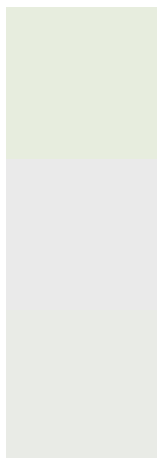
Original Color
93, 8.027, 125.204

Protanomaly
93, 7.268, 100.964

Deuteranomaly
93, 6.217, 54.929

Tritanomaly
93, 3.117, 283.995

Monochromacy



Original Color
93, 8.027, 125.204

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, 8.027, 125.204 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(231, 237, 222)` looks like.

```
.text, #text, p{  
    color:rgb(231, 237, 222)  
}
```

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(231, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 237, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.027, 125.204 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(231, 237, 222) }
```

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

```
.border{ border-color:rgb(231, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 237,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.027, 125.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 237, 222) }
```

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

```
.background{ background-color: rgb(231,  
237, 222) }
```

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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