

Converting Colors

CIELCh(93, 8.351, 162.295)

Have a look what the booklet for
CIELCh(93, 8.351, 162.295) contains.

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Color

CIELCh(93, 7.917, 163.081)

Conversions

Conversions Part 1

Format	Color
Hex	DDEFE6
RGB	221, 239, 230
RGB Percent	87%, 94%, 90%
CMY	0.1326, 0.0620, 0.0973
CMYK	0.08, 0.00, 0.04, 0.06
HSL	150°, 36%, 90%
HSV	150°, 8%, 94%
XYZ	75.1049, 82.9670, 87.0550
YIQ	232.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

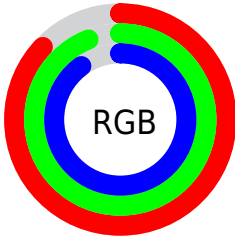
Format	Color
R _Y B	221, 233, 239
Decimal	14544870
CIE Lab	93.00, -7.57, 2.30
CIE LCh	93, 7.917, 163.081
Yxy	82.9670, 0.3064, 0.3385
Android (android.graphics.Color)	4292734950 (0xFFDDEF6)
YUV	232.5920, -1.2779, -10.1662
Hunter-Lab	91.0862, -12.2192, 7.0944

Details

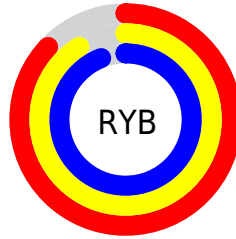
The CIELCh color **93, 7.917, 163.081** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 8.005, 344.215**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.699, 164.532** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.436, 162.132**, and if you desaturate by 10%, it is **95, 2.603, 343.661**.

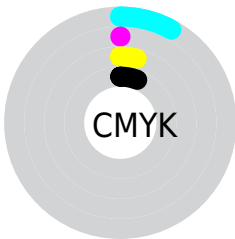
Distribution



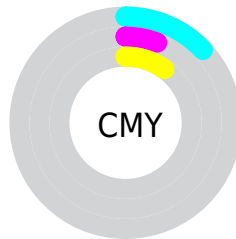
- Red (87%)
- Green (94%)
- Blue (90%)



- Red (87%)
- Yellow (91%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.917, 163.081 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, 7.917, 163.081 by changing the saturation by 10% instead.

93, 7.917, 163.081

93, 7.917, 163.081

100, 7.917,
163.081

83, 7.917, 163.081

73, 7.917, 163.081

63, 7.917, 163.081

53, 7.917, 163.081

43, 7.917, 163.081

33, 7.917, 163.081

23, 7.917, 163.081

13, 7.917, 163.081

3, 7.917, 163.081

93, 7.917, 163.081

93, 7.917, 163.081

91, 18.436,
162.132

95, 2.603, 343.661

90, 28.816,
161.107

96, 9.485, 326.302

96, 9.856, 324.753

88, 38.902,
159.961

87, 48.517,
158.667

86, 57.478,
157.198

85, 65.621,
155.531

84, 72.824,
153.650

84, 79.041,
151.555

■ 84, 84.331,
149.285

Harmonies

Complementary

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



93, 7.917, 163.081



90, 8.005, 344.215

Rectangle

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



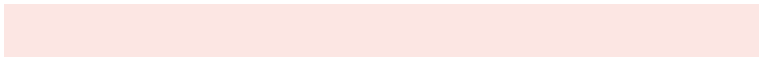
93, 7.917, 163.081



93, 7.917, 213.081



93, 7.917, 343.081



93, 7.917, 33.081

Sweetspot

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



93, 7.919, 163.075



100, 2.207, 163.702



93, 9.791, 128.160



53, 1.255, 163.721



0, 0.000, 0.000



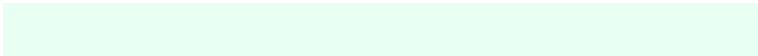
53, 0.007, 296.813

Same Dimension

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



93, 7.919, 163.075



98, 9.975, 162.935



93, 6.257, 197.669



49, 5.990, 162.893



66, 69.569, 149.150



20, 28.176, 152.924

Inverse Universe

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



90, 8.005, 344.215



94, 10.098, 344.355



90, 6.552, 18.425



47, 6.067, 344.397



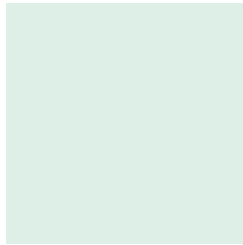
39, 66.220, 1.968



8, 29.445, 355.554

Previews

White Background



This preview shows how the CIELCh color 93, 7.917, 163.081 looks on a white background.

Color Contrast Check

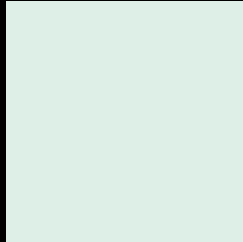
Large Text (above 18pt) WCAG AA × Fail

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, 7.917, 163.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

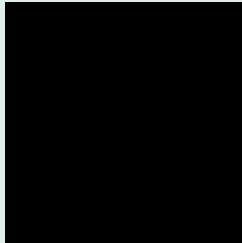
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

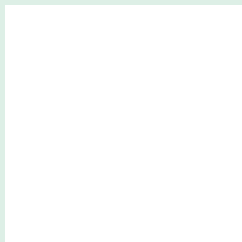
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.917, 163.081

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.917, 163.081.

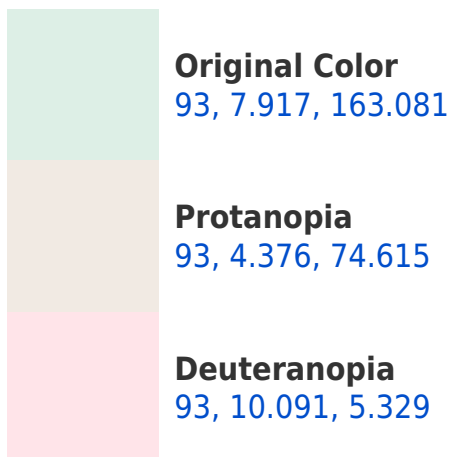


This preview shows how white text looks on a background with the CIELCh color 93, 7.917, 163.081.

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](#).

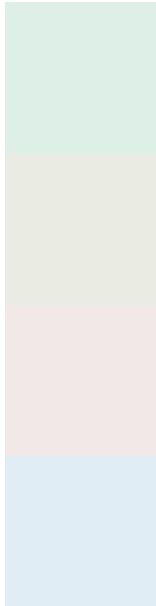
Dichromacy





Tritanopia
93, 9.934, 268.863

Trichromacy



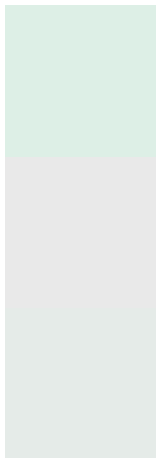
Original Color
93, 7.917, 163.081

Protanomaly
93, 4.177, 119.709

Deuteranomaly
93, 3.944, 19.520

Tritanomaly
93, 6.029, 242.570

Monochromacy



Original Color
93, 7.917, 163.081

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.640, 163.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.917, 163.081 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(221, 239, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 239, 230)  
}
```

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(221, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 239, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.917, 163.081 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(221, 239, 230) }
```

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

```
.border{ border-color:rgb(221, 239, 230) }
```

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

Here you see how a box with a 4 pixel rgb(221, 239, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 239,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.917, 163.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 239, 230) }
```

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

```
.background{ background-color: rgb(221,  
239, 230) }
```

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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