

Converting Colors

CIE LCh(93, 7.803, 188.102)

Have a look what the booklet for
CIELCh(93, 7.803, 188.102) contains.

CIELCh(93, 7.823, 187.536)	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, 7.823, 187.536)

Conversions

Conversions Part 1

Format	Color
Hex	DAF0ED
RGB	218, 240, 237
RGB Percent	85%, 94%, 93%
CMY	0.1469, 0.0606, 0.0724
CMYK	0.09, 0.00, 0.01, 0.06
HSL	172°, 42%, 90%
HSV	172°, 9%, 94%
XYZ	75.0167, 82.9670, 91.8246
YIQ	233.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

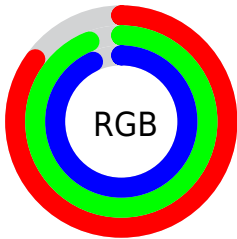
Format	Color
R _{YB}	218, 230, 240
Decimal	14348525
CIE Lab	93.00, -7.76, -1.03
CIE LCh	93, 7.823, 187.536
Yxy	82.9670, 0.3003, 0.3321
Android (android.graphics.Color)	4292538605 (0xFFDAF0ED)
YUV	233.0800, 1.9326, -13.2252
Hunter-Lab	91.0862, -12.3921, 3.9897

Details

The CIELCh color **93, 7.823, 187.536** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 8.172, 8.953**, 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, 7.840, 186.822** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.028, 186.633**, and if you desaturate by 10%, it is **95, 0.711, 7.425**.

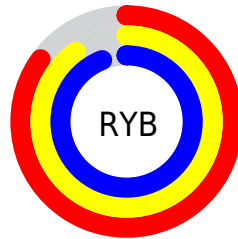
Distribution



Red (85%)

Green (94%)

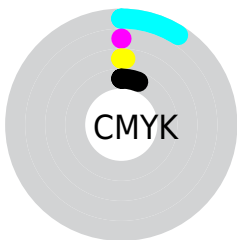
Blue (93%)



Red (85%)

Yellow (90%)

Blue (94%)

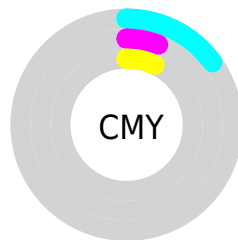


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.823, 187.536 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, 7.823, 187.536 by changing the saturation by 10% instead.

 93, 7.823, 187.536

 93, 7.823, 187.536

 100, 7.823,
187.536

 83, 7.823, 187.536

 73, 7.823, 187.536

 63, 7.823, 187.536

 53, 7.823, 187.536

 43, 7.823, 187.536

 33, 7.823, 187.536

 23, 7.823, 187.536

 13, 7.823, 187.536

 3, 7.823, 187.536

93, 7.823, 187.536

93, 7.823, 187.536

91, 16.028,
186.633

95, 0.711, 7.425

90, 23.765,
185.740

96, 5.803, 1.551

89, 30.890,
184.815

96, 6.515, 347.459

88, 37.257,
183.844

96, 7.541, 336.689

87, 42.737,
182.809

96, 8.770, 328.743

86, 47.233,
181.691

86, 50.701,
180.468

85, 53.172,
179.120

■ 85, 54.811,
177.650

Harmonies

Complementary

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



93, 7.823, 187.536



89, 8.172, 8.953

Rectangle

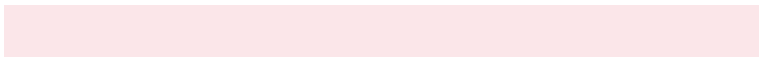
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



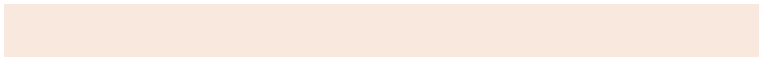
93, 7.823, 187.536



93, 7.823, 237.536



93, 7.823, 7.536



93, 7.823, 57.536

Sweetspot

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



93, 7.825, 187.524



99, 2.713, 188.194



93, 13.228, 139.855



53, 2.055, 188.079



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, 7.825, 187.524



98, 9.829, 187.356



91, 6.284, 238.728



49, 4.842, 187.497



67, 44.877, 177.799



20, 19.155, 180.080

Inverse Universe

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



89, 8.172, 8.953



93, 10.357, 9.147



91, 6.562, 56.897



47, 5.064, 8.984



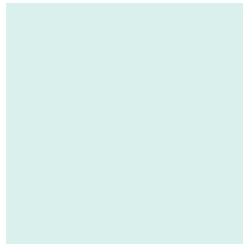
38, 75.708, 33.771



8, 29.207, 18.247

Previews

White Background



This preview shows how the CIELCh color 93, 7.823, 187.536 looks on a white background.

Color Contrast Check

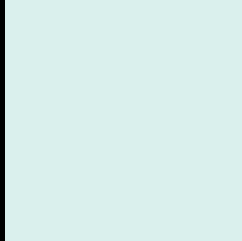
Large Text (above 18pt) WCAG AA × Fail

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, 7.823, 187.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

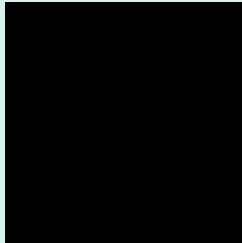
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

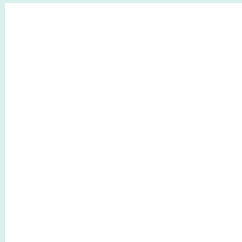
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.823, 187.536

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.823, 187.536.

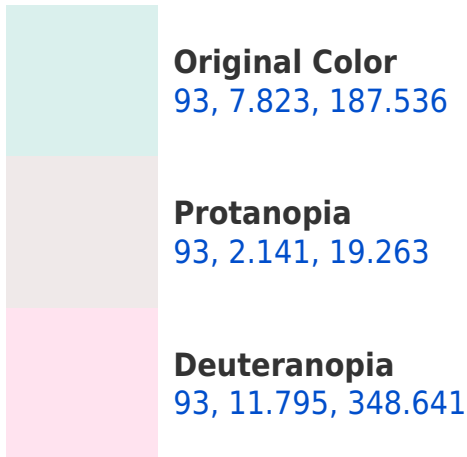


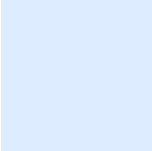
This preview shows how white text looks on a background with the CIELCh color 93, 7.823, 187.536.

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](#).

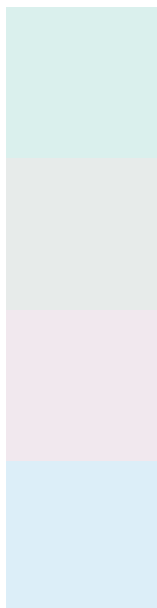
Dichromacy





Tritanopia
93, 10.626, 260.419

Trichromacy



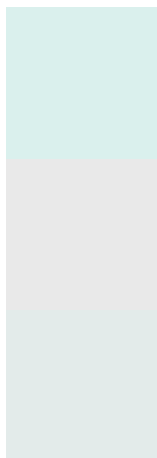
Original Color
93, 7.823, 187.536

Protanomaly
93, 1.508, 179.733

Deuteranomaly
93, 4.477, 335.837

Tritanomaly
93, 7.929, 239.854

Monochromacy



Original Color
93, 7.823, 187.536

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.870, 189.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.823, 187.536 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(218, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 237)  
}
```

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(218, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.823, 187.536 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(218, 240, 237) }
```

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

```
.border{ border-color:rgb(218, 240, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.823, 187.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 237) }
```

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

```
.background{ background-color: rgb(218,  
240, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor