

Converting Colors

CIELCh(93, 7.710, 223.936)

Have a look what the booklet for
CIELCh(93, 7.710, 223.936) contains.

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Color

CIELCh(93, 7.761, 222.613)

Conversions

Conversions Part 1

Format	Color
Hex	DAEFF5
RGB	218, 239, 245
RGB Percent	85%, 94%, 96%
CMY	0.1464, 0.0640, 0.0405
CMYK	0.11, 0.02, 0.00, 0.04
HSL	193°, 57%, 91%
HSV	193°, 11%, 96%
XYZ	76.0165, 82.9670, 98.1283
YIQ	233.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

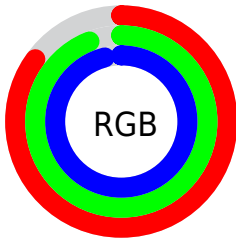
Format	Color
R _Y B	218, 230, 245
Decimal	14348277
CIE Lab	93.00, -5.71, -5.25
CIE LCh	93, 7.761, 222.613
Yxy	82.9670, 0.2957, 0.3227
Android (android.graphics.Color)	4292538357 (0xFFDAEFF5)
YUV	233.4050, 5.7163, -13.5102
Hunter-Lab	91.0862, -10.4328, -0.1134

Details

The CIELCh color **93, 7.761, 222.613** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.311, 41.676**, 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, 7.769, 223.804** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.386, 223.147**, and if you desaturate by 10%, it is **96, 0.746, 222.937**.

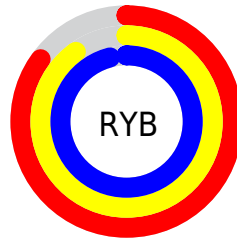
Distribution



Red (85%)

Green (94%)

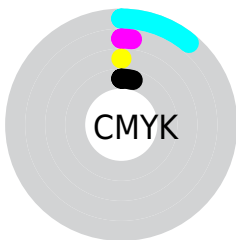
Blue (96%)



Red (85%)

Yellow (90%)

Blue (96%)

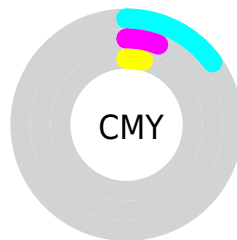


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (6%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.761, 222.613 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, 7.761, 222.613 by changing the saturation by 10% instead.

 93, 7.761, 222.613

 93, 7.761, 222.613

 100, 7.761,
222.613

 83, 7.761, 222.613

 73, 7.761, 222.613

 63, 7.761, 222.613

 53, 7.761, 222.613

 43, 7.761, 222.613

 33, 7.761, 222.613

 23, 7.761, 222.613

 13, 7.761, 222.613

 3, 7.761, 222.613

93, 7.761, 222.613

93, 7.761, 222.613

90, 14.386,
223.147

96, 0.746, 222.937

87, 20.519,
223.941

98, 3.122, 71.661

84, 26.055,
225.019

100, 5.215,
109.679

82, 30.891,
226.449

100, 5.227,
109.773

80, 34.940,
228.313

77, 38.155,
230.703

75, 40.549,
233.708

73, 42.221,
237.388

■ 72, 43.319,
241.187

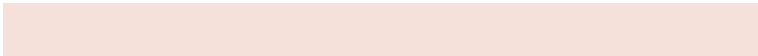
Harmonies

Complementary

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



93, 7.761, 222.613



91, 8.311, 41.676

Rectangle

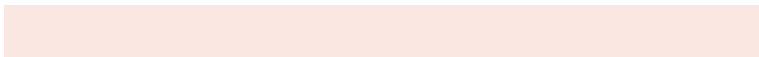
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



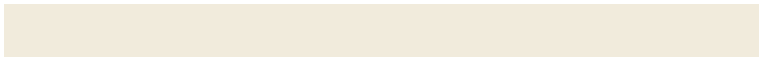
93, 7.761, 222.613



93, 7.761, 272.613



93, 7.761, 42.613



93, 7.761, 92.613

Sweetspot

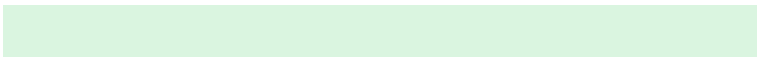
The Sweet Spot groups the original color and five complimentary colors.



93, 7.761, 222.597



99, 2.226, 222.460



94, 14.581, 150.401



53, 1.684, 222.430



0, 0.000, 0.000



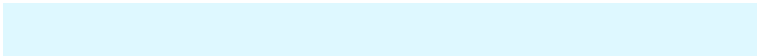
53, 0.007, 296.813

Same Dimension

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



93, 7.761, 222.597



96, 9.408, 222.687



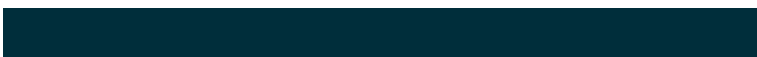
90, 10.347, 276.370



50, 4.015, 222.535



56, 35.177, 240.375



17, 15.371, 234.001

Inverse Universe

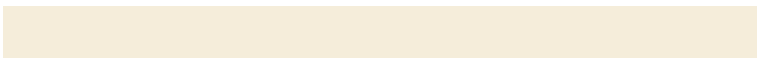
The Inverse Universe completely reimagines the original color for something new.



90, 14.576, 331.994



92, 17.783, 332.129



94, 10.297, 93.552



48, 7.504, 331.889



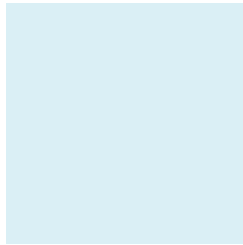
42, 76.857, 339.539



10, 34.919, 337.723

Previews

White Background



This preview shows how the CIELCh color 93, 7.761, 222.613 looks on a white background.

Color Contrast Check

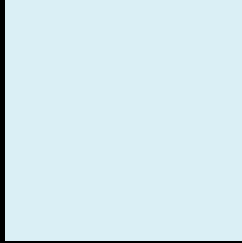
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 7.761, 222.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

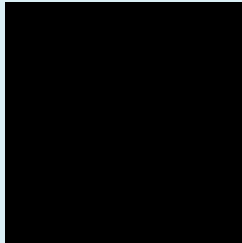
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

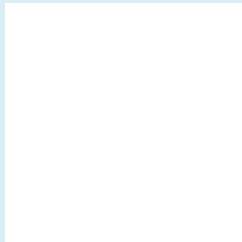
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.761, 222.613

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.761, 222.613.



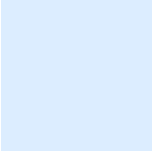
This preview shows how white text looks on a background with the CIELCh color 93, 7.761, 222.613.

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](#).

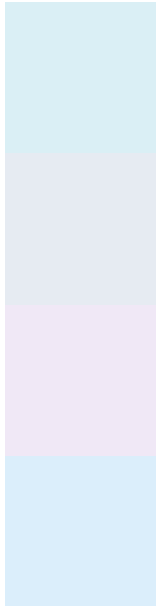
Dichromacy





Tritanopia
93, 10.790, 258.881

Trichromacy



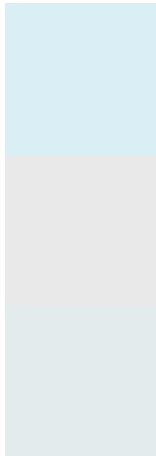
Original Color
93, 7.761, 222.613

Protanomaly
93, 3.989, 264.603

Deuteranomaly
93, 7.792, 311.743

Tritanomaly
93, 9.184, 246.209

Monochromacy



Original Color
93, 7.761, 222.613

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 2.973, 219.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.761, 222.613 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, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 239, 245)  
}
```

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, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 239, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.761, 222.613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

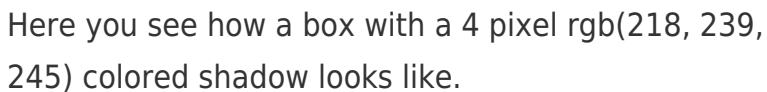
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 239, 245) }
```

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

```
.border{ border-color:rgb(218, 239, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 239, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 239, 245); box-shadow:4px 4px 4px 4px rgb(218, 239, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.761, 222.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 239, 245) }
```

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

```
.background{ background-color: rgb(218,  
239, 245) }
```

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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