

Converting Colors

CIELCh(93, 7.953, 202.774)

Have a look what the booklet for
CIELCh(93, 7.953, 202.774) contains.

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Color

CIELCh(93, 7.932, 202.704)

Conversions

Conversions Part 1

Format	Color
Hex	D8EFF0
RGB	216, 239, 240
RGB Percent	85%, 94%, 94%
CMY	0.1513, 0.0610, 0.0571
CMYK	0.10, 0.00, 0.00, 0.06
HSL	182°, 45%, 90%
HSV	182°, 10%, 94%
XYZ	75.2302, 82.9670, 94.8242
YIQ	232.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

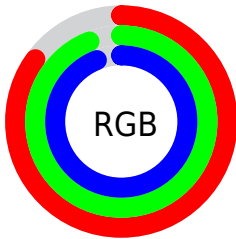
Format	Color
R _Y B	216, 228, 240
Decimal	14217200
CIE Lab	93.00, -7.32, -3.06
CIE LCh	93, 7.932, 202.704
Yxy	82.9670, 0.2973, 0.3279
Android (android.graphics.Color)	4292407280 (0xFFD8EFF0)
YUV	232.2370, 3.8272, -14.2398
Hunter-Lab	91.0862, -11.9736, 2.0372

Details

The CIELCh color **93, 7.932, 202.704** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 8.462, 23.439**, 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, 7.926, 202.778** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.413, 202.306**, and if you desaturate by 10%, it is **95, 0.017, 342.663**.

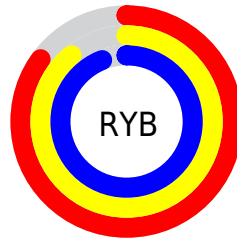
Distribution



Red (85%)

Green (94%)

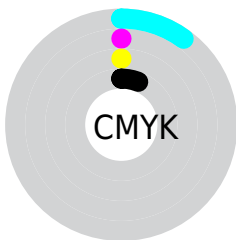
Blue (94%)



Red (85%)

Yellow (89%)

Blue (94%)

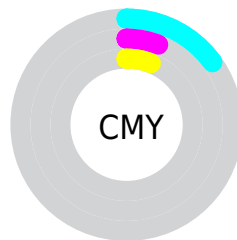


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.932, 202.704 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, 7.932, 202.704 by changing the saturation by 10% instead.

■ 93, 7.932, 202.704

■ 93, 7.932, 202.704

■ 100, 7.932,
202.704

■ 83, 7.932, 202.704

■ 73, 7.932, 202.704

■ 63, 7.932, 202.704

■ 53, 7.932, 202.704

■ 43, 7.932, 202.704

■ 33, 7.932, 202.704

■ 23, 7.932, 202.704

■ 13, 7.932, 202.704

■ 3, 7.932, 202.704

93, 7.932, 202.704

93, 7.932, 202.704

91, 15.413,
202.306

95, 0.017, 342.663

90, 22.299,
202.019

96, 4.865, 25.607

97, 4.592, 32.366

88, 28.454,
201.826

97, 4.391, 39.857

87, 33.751,
201.737

97, 4.271, 47.910

97, 4.240, 56.246

86, 38.082,
201.768

98, 4.300, 64.521

85, 41.374,
201.931

98, 4.445, 72.404

98, 4.670, 79.652

84, 43.610,
202.240

84, 44.843,
202.703

■ 84, 45.274,
203.305

Harmonies

Complementary

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



93, 7.932, 202.704



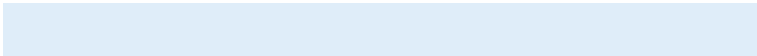
89, 8.462, 23.439

Rectangle

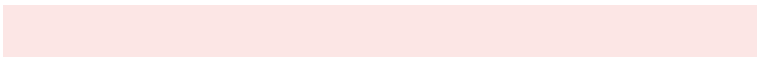
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



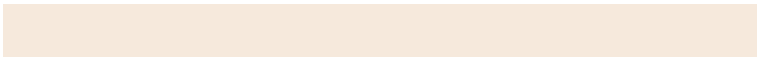
93, 7.932, 202.704



93, 7.932, 252.704



93, 7.932, 22.704



93, 7.932, 72.704

Sweetspot

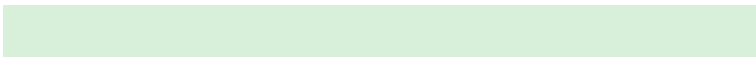
The Sweet Spot groups the original color and five complimentary colors.



93, 7.933, 202.690



99, 2.543, 203.148



93, 14.807, 144.762



53, 1.924, 203.060



0, 0.000, 0.000



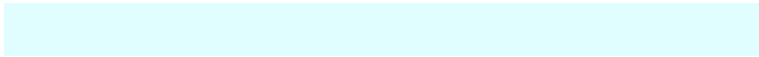
53, 0.007, 296.813

Same Dimension

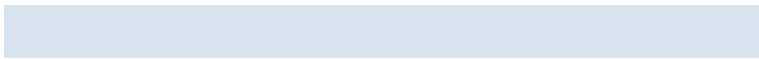
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 7.933, 202.690



98, 9.944, 202.601



90, 7.621, 260.332



49, 4.509, 202.714



65, 37.018, 203.183



20, 16.278, 202.187

Inverse Universe

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



89, 14.747, 326.109



93, 18.609, 326.229



92, 7.763, 77.637



47, 8.369, 326.080



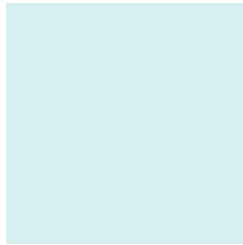
43, 87.408, 329.953



10, 38.330, 329.704

Previews

White Background



This preview shows how the CIELCh color 93, 7.932, 202.704 looks on a white background.

Color Contrast Check

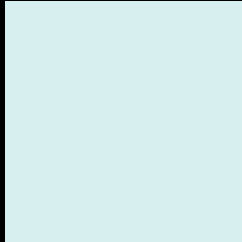
Large Text (above 18pt) WCAG AA × Fail

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, 7.932, 202.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

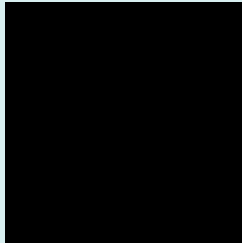
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

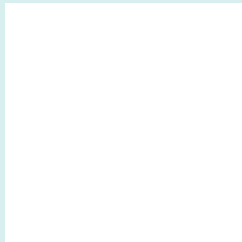
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.932, 202.704

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.932, 202.704.

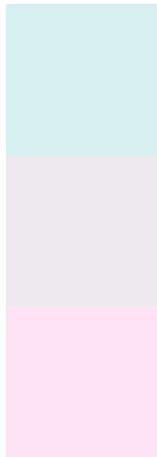


This preview shows how white text looks on a background with the CIELCh color 93, 7.932, 202.704.

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

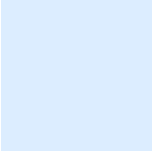
93, 7.932, 202.704

Protanopia

93, 2.744, 330.531

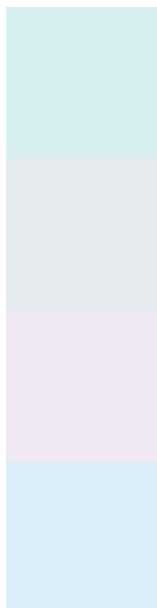
Deuteranopia

93, 12.422, 338.661



Tritanopia
93, 10.790, 258.881

Trichromacy



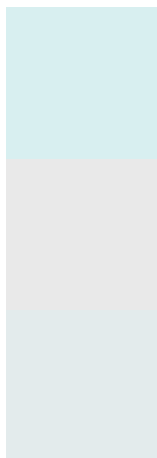
Original Color
93, 7.932, 202.704

Protanomaly
93, 2.326, 241.402

Deuteranomaly
93, 5.918, 318.954

Tritanomaly
93, 8.834, 243.776

Monochromacy



Original Color
93, 7.932, 202.704

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.847, 209.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.932, 202.704 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(216, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 239, 240)  
}
```

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(216, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 239, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.932, 202.704 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(216, 239, 240) }
```

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

```
.border{ border-color:rgb(216, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(216, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(216, 239,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.932, 202.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 239, 240) }
```

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

```
.background{ background-color: rgb(216,  
239, 240) }
```

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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