

Converting Colors

CIELCh(92, 7.775, 226.487)

Have a look what the booklet for
CIELCh(92, 7.775, 226.487) contains.

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Color

CIELCh(92, 7.973, 226.122)

Conversions

Conversions Part 1

Format	Color
Hex	D7ECF3
RGB	215, 236, 243
RGB Percent	84%, 93%, 95%
CMY	0.1579, 0.0755, 0.0481
CMYK	0.12, 0.03, 0.00, 0.05
HSL	195°, 53%, 90%
HSV	195°, 12%, 95%
XYZ	74.0076, 80.7044, 96.2634
YIQ	230.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

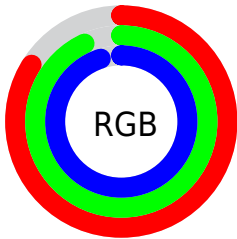
Format	Color
R _Y B	215, 227, 243
Decimal	14150899
CIE Lab	92.00, -5.53, -5.75
CIE LCh	92, 7.973, 226.122
Yxy	80.7044, 0.2949, 0.3216
Android (android.graphics.Color)	4292340979 (0xFFD7ECF3)
YUV	230.5190, 6.1531, -13.6102
Hunter-Lab	89.8356, -10.1621, -0.6473

Details

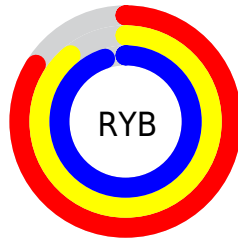
The CIELCh color $92, 7.973, 226.122$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $90, 8.545, 44.848$, and the grayscale version is $91, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $72, 8.003, 227.478$ is the 20% darker color. If you saturate the color by 10%, you get $89, 14.490, 226.823$, and if you desaturate by 10%, it is $95, 1.086, 226.032$.

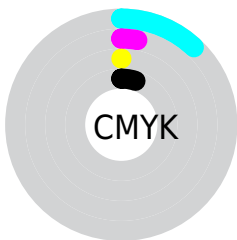
Distribution



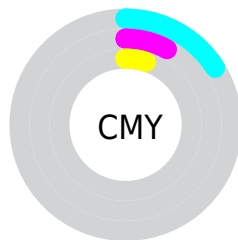
- Red (84%)
- Green (93%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.973, 226.122 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 92, 7.973, 226.122 by changing the saturation by 10% instead.

92, 7.973, 226.122

92, 7.973, 226.122

100, 7.973,
226.122

82, 7.973, 226.122

72, 7.973, 226.122

62, 7.973, 226.122

52, 7.973, 226.122

42, 7.973, 226.122

32, 7.973, 226.122

22, 7.973, 226.122

12, 7.973, 226.122

2, 7.973, 226.122

92, 7.973, 226.122

92, 7.973, 226.122

89, 14.490,
226.823

95, 1.086, 226.032

86, 20.543,
227.805

98, 3.619, 65.505

83, 26.034,
229.102

99, 5.681, 105.937

100, 6.205,
109.701

80, 30.869,
230.788

78, 34.972,
232.952

75, 38.309,
235.690

73, 40.910,
239.087

71, 42.889,
243.188

■ 69, 44.283,
247.103

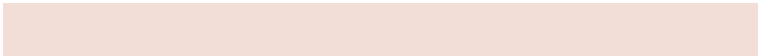
Harmonies

Complementary

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



92, 7.973, 226.122



90, 8.545, 44.848

Rectangle

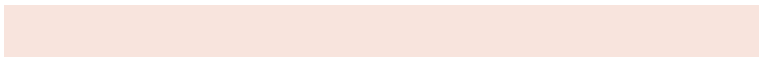
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



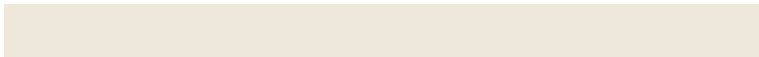
92, 7.973, 226.122



92, 7.973, 276.122



92, 7.973, 46.122



92, 7.973, 96.122

Sweetspot

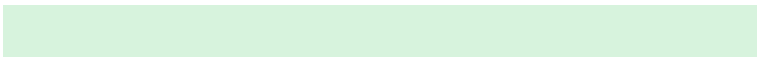
The Sweet Spot groups the original color and five complimentary colors.



92, 7.973, 226.107



99, 2.203, 225.830



93, 14.965, 150.959



53, 1.667, 225.810



0, 0.000, 0.000



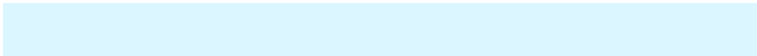
53, 0.007, 296.813

Same Dimension

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



92, 7.973, 226.107



95, 10.010, 226.262



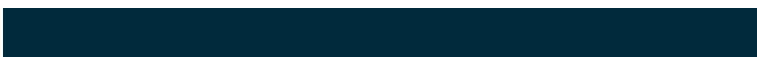
89, 10.956, 277.599



50, 3.976, 225.994



54, 36.116, 246.246



16, 15.579, 239.247

Inverse Universe

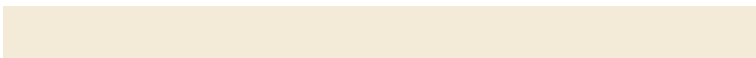
The Inverse Universe completely reimagines the original color for something new.



89, 14.848, 333.068



91, 18.789, 333.243



93, 10.882, 94.686



48, 7.357, 332.925



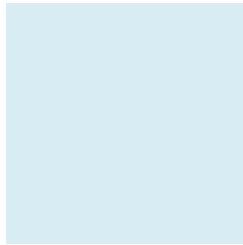
42, 75.349, 341.359



10, 34.302, 339.207

Previews

White Background



This preview shows how the CIELCh color 92, 7.973, 226.122 looks on a white background.

Color Contrast Check

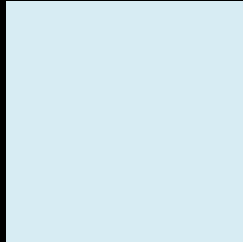
Large Text (above 18pt) WCAG AA × Fail

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 92, 7.973, 226.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

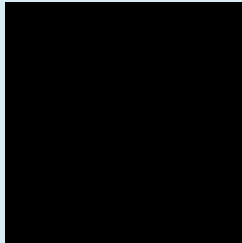
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

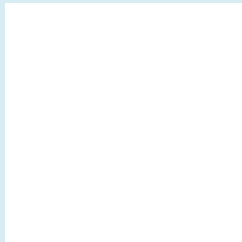
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.973, 226.122

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.973, 226.122.



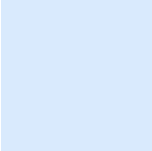
This preview shows how white text looks on a background with the CIELCh color 92, 7.973, 226.122.

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](#).

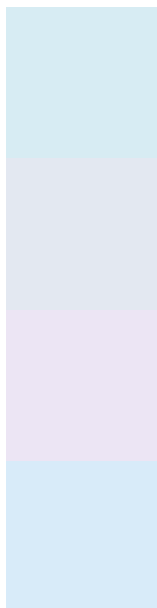
Dichromacy





Tritanopia
92, 11.248, 260.384

Trichromacy



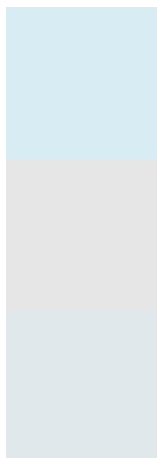
Original Color
92, 7.973, 226.122

Protanomaly
92, 4.947, 269.984

Deuteranomaly
92, 8.181, 308.163

Tritanomaly
92, 9.570, 248.482

Monochromacy



Original Color
92, 7.973, 226.122

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.185, 228.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.973, 226.122 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(215, 236, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 236, 243)  
}
```

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(215, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 236, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.973, 226.122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

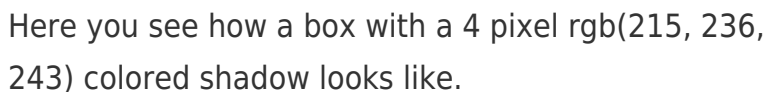
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 236, 243) }
```

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

```
.border{ border-color:rgb(215, 236, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 236, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 236, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 236, 243); box-shadow:4px 4px 4px 4px rgb(215, 236, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.973, 226.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 236, 243) }
```

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

```
.background{ background-color: rgb(215,  
236, 243) }
```

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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